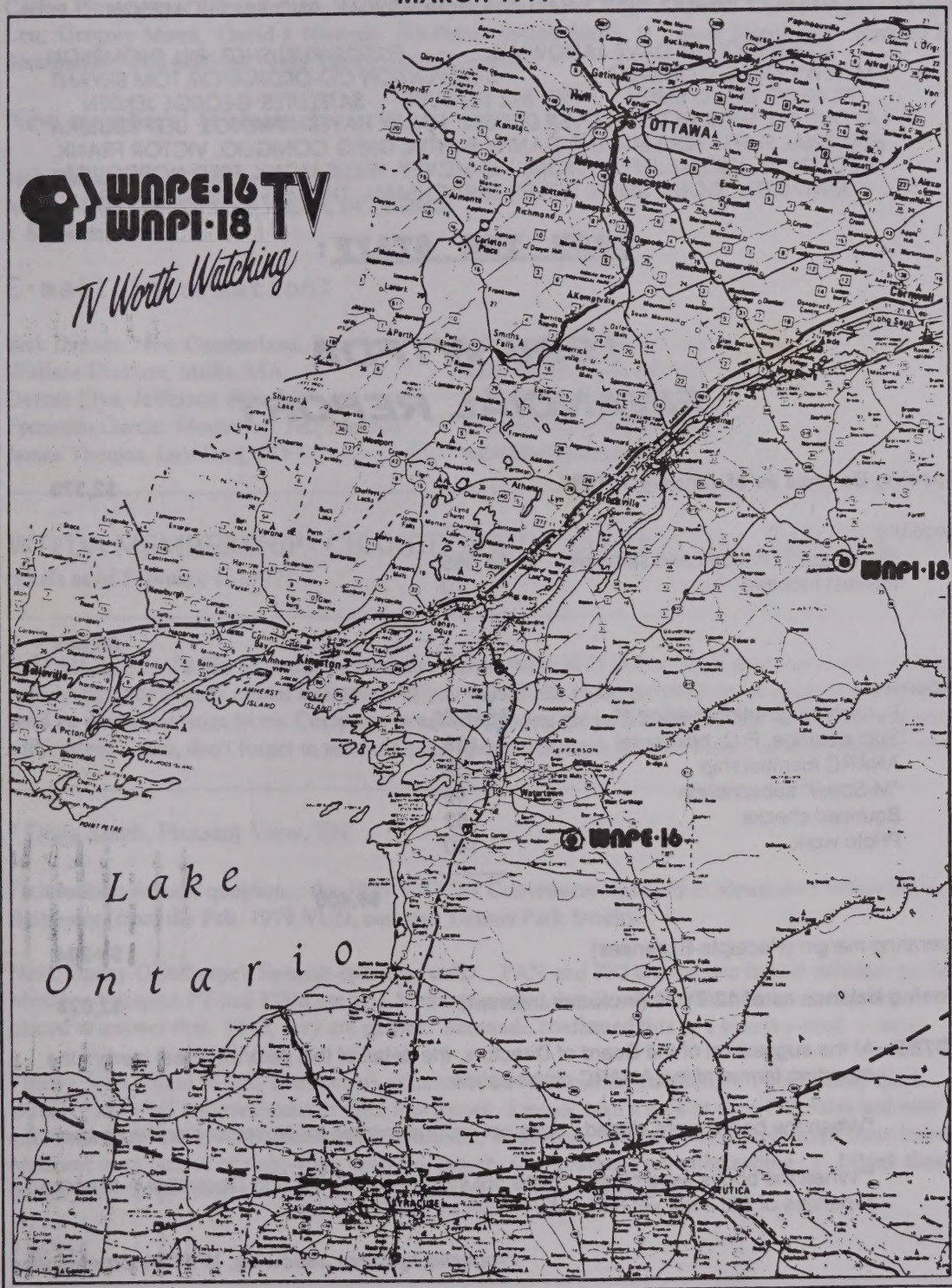


Vhi-UhiDIGEST

The Official Publication of the Worldwide TV-FM DX Association

MARCH 1997

WNPE-16 TV
WNPI-18 TV
TV Worth Watching



WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

1996 WTFDA FINANCIAL REPORT

Opening Balance as of January 1, 1996		\$2,379
Receipts:		
Revenues from dues and samples*	\$6,565*	
Interest Income	79	

		\$6,644
Expenses:		
Publishing (printing/mailling)**	\$5,398*	
Staff postage, P.O. box rental	129	
ANARC membership	32	
"M-Street" subscription	99	
Bounced checks	62	
Photo work	140	

		\$6,400
Operating margin (Receipts-Expenses)		\$ +244
Closing balance as of 12/31/96 (includes interest)		\$2,623

NOTES: At the suggestion of the Board of Directors, the detail of this balance sheet mirrors the reporting format of the ANARC organization.

*When the books were closed...does not include income for November or December.

**When the books were closed...does not include November and December publishing expenses of \$872 not yet billed to WTFDA by Bill Thompson.

Prepared by Dave Janowiak, WTFDA Comptroller

WTFDA Mailbox

Worldwide TV-FM DX Association
PO Box 17333
Asheville, NC 28816-7333

March, 1997

Edited by: Matthew C. Sittel. E-mail: 76255.2171@Compuserve.com

March, 1997 Renewal\$ Due:

Doug Allen, Edward R. Cotton, David Cox, Bill Draeb, Frank Drobny, Pat Dyer, Gerard Hart, Carlon Howington, Glenn Jacobs, Neil A. Joslun, Jim Korn, Roger Labedz, David Legler, Thomas Leu, Gregory Monti, David J. Nieman, Jim Pizzi, Joseph Smith, Jr., Scott Steenhuisen, Richard J. Steinberger, Phil Sullivan, Pete Taylor, Bill Thompson.

New members! Welcome!

Jack Danner, New Cumberland, PA
Mario Montemurro, Prince Rupert, BC, Canada
J. Smollett, Peoria, IL

E-mail information:

Jack Danner, New Cumberland, PA
Wallace Dickson, Millis, MA
Dennis Elya, Jefferson City, MO
Fernando Garcia, Monterrey, NL, Mexico
James Thomas, Loveland, CO

jad333starfish@webtv.net
wallysatvdxer@webtv.net
delya@computerland.net
fergamex@infosel.net.mx
wdx0fbu@juno.com

WTFDA MEMBERSHIP / CHANGE SINCE LAST MONTH: **268 / +1**

(totals as of February 1, 1997)

E-MAIL LIST: I'd like to regularly publish a list of those WTFDA'ers with access to e-mail, along with home and/or work e-mail addresses. If you would like to be included on an upcoming list, please send an e-mail message to my Compuserve account giving me permission to add your name and e-mail address(es). Also, don't forget to send me your updates/changes to your e-mail listings. Thanks! -- mcs

* Doug Smith, Pleasant View, TN

First to John Adams' question... the 1979 WTFDA Convention was held at Meushaw's Motor Inn in Baltimore (from the Feb. 1979 VUD, courtesy Dennis Park Smith).

Next, Danny Oglethorpe's Spanish-speaking unID... PAN and PRI are the two largest political parties in Mexico. I suspect PT and PDM are also Mexican parties, but Fernando Garcia is probably better placed to answer that. (Yes, they are parties. Fernando confirmed this in a recent e-mail. -- mcs)

Finally, with regard to Eric Bueneman's comments on religious broadcasting... I don't really think WAFR *cares* if anyone listens to their translators. I mean, take a look at your FM Atlas and note the existence of a Family Radio translator in Madison, Wisconsin. Those of us who've lived there know, Madison is no hotbed of right-wing religious activity (the governor notwithstanding...). I think these things just pop up wherever they can find a church willing to sponsor them.

73 Doug

* Gus Mancuso, Hyattsville, MD

I read the listing of TV Guide editions (Jan. '97 VUD) and would like to point out that Baltimore and Washington editions are really the same guides except for the "Area (Cable) Conversion Guide" cards (all counties' systems can't fit on one card). They both list exactly the same stations. I wonder if any other editions "pair up" as such.

Does anyone live in an area where the wrong guide is sent/sold? I recall in 1978 I bought a guide in Killeen, Texas. It was for the region to the south but the motel cable system brought in stations to the north (Waco, etc.), only no stations in the southern edition could be found.

Also, does anyone live in an area where certain stations are inexplicably omitted? Northern Virginia UHF's 53, 56, and 66 are absent from the DC edition, while distant WGAL-8 from PA is listed.

* Dennis Park Smith, Santa Barbara, CA

Here is something, hopefully of interest, from the July 1972 VUD:

"Whether a football team, an army or a club, the strength of an organization depends on its members- and every member is needed for its success. If your name isn't in this bulletin, it is because no report was received from you. Every report will be acknowledged, no matter how small."

The above was often quoted and requoted in the AIPA monthly bulletin for TV-DXing (American Ionospheric Propagation Association) in the middle 1950s. Your editor is grateful for lots of DX reported faithfully by a number of very active DXers. I suspect, though, that many of you whom I never hear from are discouraged by these large reports, feeling that your "smaller" DXing effort wouldn't be missed. But a team depends on all of its players, whatever the contribution. Your enthusiasm may be just as great as our more voluminous reporters, but because of a combination of location, equipment, and available time, you see only a fraction of the DX that others see (this editor certainly knows that sensation!). Please be assured, nonetheless, that your contribution, whatever the size, will be used and appreciated just as all players' efforts are appreciated by an effective and enthusiastic team. Many small reports from different locations enhance the overall picture of DXing conditions. The result can only be a higher level of encouragement among more DXers.

Perhaps this will encourage some WTFDA members who may be a little discouraged. It is also recognized, though, that an organization which has lasted the number of years that the WTFDA has, has its subscribing alumni (no longer active DXers who still enjoy reading of DX activities) who are just as welcome in this club and hobby.

Best of DX to all, Dennis Park Smith

* Eric Bueneman, Hazelwood, MO

First of all, thanks for the condolences on the loss of my grandmother. It's hard when one loses a loved one, but we all must press on. I have the knowledge that my grandmother is now with God, and there's comfort in that.

My congratulations to Walt Breville on getting his no-code Amateur Radio license, he's now KB0ZLZ, per John Tudenham (W0JRP).

4 hat's all for this time. Until next month.....73s Matt.

TV NEWS

March 1997

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
72777.3143@compuserve.com

*: Non-commercial station
nc: No Change
+/-: Channel offsets (plus,
z/n: minus, zero, and none)

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant	
IL	68z	5000	404	Danville; Pelican BC	40-03-18N/ 87-54-44W
MI	19z	1000	305	Marquette; M. Iacobelli	46-21-10N/ 87-51-15W
MS	*34-	5000	195	Senatobia; Oral Robts. U.	34-50-57N/ 90-00-33W
ND	26+	5000	342	Bismarck; Winstar	46-35-23N/100-48-02W
NY	*30z	813	242	Corning; WSKG-46	42-01-55N/ 76-47-02W
NY	54+	5000	491	Poughkeepsie; Maravillas	41-43-09N/ 73-59-47W
NY	*29+	617	229	Schenectady; WMHT-17	42-47-08N/ 73-37-44W
OK	35+	324	339	Woodward; B & J Williams	36-16-06N/ 99-26-56W
OR	24+	3390	463	Portland; Maravillas BC	45-30-58N/122-43-59W
PA	51z	5000	153	Reading; Adams Comms.	40-17-15N/ 75-53-45W
SD	36+	1120	293	Sioux Falls; IA Teleprod.	43-51-57N/ 96-37-15W
TN	*14+	4470	379	Memphis; Kaleidoscope	35-28-03N/ 90-11-27W
TN	*56z	3020	332	Memphis; Mid-So. Pub Com.	35-09-14N/ 89-49-18W
TN	*56z	1950	283	Memphis; Comm. TV Educ.	35-09-17N/ 89-49-20W
TN	*56z	5000	356	Memphis; WYPL-89.3	35-28-03N/ 90-11-27W
TX	15z	21.0		Laredo; J. Zavaletta, MD	27-21-17N/ 99-13-52W
VA	*55+	1000	144	Hampton; Hampton Univ.	37-01-02N/ 76-20-11W
WI	4z	100	210	Crandon; M. Iacobelli	45-23-58N/ 89-15-12W
WI	55z	3020	116	Wittenberg; Cardinal BC	44-58-58N/ 89-36-05W
WI	55z	1200	289	Wittenberg; Shawano Co. TV	44-46-49N/ 88-37-55W
WI	55z	5000	283	Wittenberg; Badger BC GP	45-03-33N/ 89-26-10W
WI	55z	5000	261	Wittenberg; W. 55 L.L.C.	45-03-33N/ 89-26-10W
WI	55z	1000	283	Wittenberg; GNHC Inc.	45-03-33N/ 89-26-10W

Applications denied, dismissed, etc:

St	Ch	City; applicant
NM	26	Alamogordo; KINT-26
ON	36	Hamilton
ON	52	Toronto

Both Canadian applications were for religious stations. They were denied on the basis of programming proposals. The Poughkeepsie, NY and Portland, OR applications are mutually exclusive with the renewal of TBNs WTBV-54 and KNMT-24 respectively. The Reading, PA application is mutually exclusive with renewal of WTVE-51.

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant	
AB	5	33.6		Calgary	
AB	51z	602		Edmonton	
AB	2	51.5		Lethbridge	
AB	20z	368		Red Deer	
BC	42z	726	CIVT	Vancouver	
CA	33+	6.2	K33EV	El Cajon; Garcia BC	32-45-08N/116-51-35W
MT	40n	10	K40FA	Kalispell; M. Davis	48-30-22N/114-20-49W
NM	21n	15.14	K21DI	Alamogordo	32-49-45N/105-52-14W
NM	24n	15.14	K24CT	Alamogordo	32-49-45N/105-52-14W
TX	17-	0.131	K17EK	Brownsville; N. Simo	25-58-59N/ 97-30-40W
TX	2-	0.059	K02PH	Carrizo Springs; C. Ortiz	28-29-17N/ 99-53-06W
TX	12-	0.33	K12PA	Eagle Pass; News-Guide	28-43-00N/100-29-50W
TX	6n	0.059	K06MY	Rio Grande City	26-24-22N/ 98-55-02W
TX	12-	0.058	K12PB	Rio Grande City; Y. Reyes	26-24-22N/ 98-55-02W

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call/</u>	<u>City; applicant</u>	
TX	2+	0.052	K02PI	Uvalde		29-12-35N/ 99-47-30W
VA	43-	26.5	W43BO	Marion; WEMT-39		36-54-08N/ 81-32-33W

APPLICATIONS TO CHANGE EXISTING STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	
CO	59z	nc	356	KUBD	Denver	39-40-24N/105-13-03W
DC	20+	5010	233	WDCA	Washington	
LA	50-	19.2	nc	K13VE	Baton Rouge	30-26-02N/91-05-09W
	from ch. 13-					
MA	38z	5010	nc	WSBK	Boston	
MI	50-	5010	nc	WKBD	Detroit	
NV	69z	12.7		KGNG-LP	Las Vegas; STA request fm. ch. 47+	
OR	15-	9.13	nc	K15DS	Newport	
OR	9n	0.018	nc	K09ME	Prairie City; move to ch. 10n	

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	
AL	58z	8.8		W58CK	Birmingham	33-26-28N/ 86-53-00W
FL	10-	0.428		W03BG	Key West	24-34-18N/ 81-45-19W
	from ch. 3n.					
NV	10-	3.09	564	KENV	Elko	40-41-53N/115-54-13W
NY	39+	38.8		W02CJ	Easton	43-01-13N/ 73-31-27W
	from ch. 2z, Manchester, Vermont.					
OR	66n	12.5		K66EJ	Newberg	
OR	15-	9.13		K15DS	Newport (KPDx-49)	
PA	25z	83.4		W25AX	Kittanning	40-48-57N/ 79-30-10W
SC	54z	10.7		W50BR	Florence	34-16-17N/ 79-43-34W
TN	57n	6		W57CG	Memphis	
TN	67z	9		W67CV	Memphis	
TX	10z	8.32	48	KTRG	Del Rio	29-25-24N/100-54-21W
TX	58-	8.77		K58ET	San Marcos	29-53-53N/ 97-54-44W
VT	30-	7.95		W30BL	Burlington	

The wireless-cable system at Escanaba, Michigan has applied to move its tower to 45-42-39N/87-20-49. Stations are:

W15BI W17BQ W21BJ W23BE W27BN W44BI W46CD W48BP W50BG W52BX W58CJ W60CB W64CA W62CI W66CJ

CHANGES GRANTED TO EXISTING STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>	
AK	9n	0.054		K09RA	Sand Point	55-20-37N/160-29-15W
FL	15-	31.4		W15AG	Lake City	30-14-40N/ 82-40-11W
	from Live Oak.					
FL	20-	12.2		W20AY	Melbourne	
FL	55-	46.2		W55BV	Miami	
FL	7+	0.09		W07BZ	Orlando	
IA	15+	2090	363	KYOU-TV	Ottumwa	41-11-42N/ 91-57-15W
ME	17n	9.5		W17BN	Madawaska	47-19-47N/ 68-20-56W
NM	7n	0.044		K07AS	Cliff	
OH	21z	19.8		W21BF	Fremont	
TN	41z	24.8		W41CD	Union City; from W09BM, ch. 9+	
TX	24-	72.3		KACY-LP	Alief	29-48-16N/ 95-12-23W
	from ch. 5+					
TX	13+	0.098		K13VC	Austin	30-18-36N/ 97-47-33W
TX	65+	26.3		KGBS-LP	Austin	30-19-25N/ 97-48-06W
TX	10z	0.074		K10HH	Big Spring	
TX	56-	6.7		KIDU-LP	Brownwood (KIDY-6)	

CHANGES GRANTED TO EXISTING STATIONS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
TX	39z	4470	nc	KXTX-TV Dallas	
TX	30n	1.46		K30EI Fort Stockton	30-43-54N/102-54-52W
TX	24-	20.8		K24ES Keene	32-24-19N/ 97-19-55W
	from K60FS, ch. 60+				
TX	22-	20.1		KPLE-LP Killeen; from ch. 31-	
TX	22n	12.2		KUPT-LP Lubbock	
TX	40z	16.6		KGLR-LP Lubbock	
TX	46n	13.4		KXTQ-LP Lubbock	
TX	51z	23		KBZO-LP Lubbock	33-35-05N/101-50-54W
	from no offset.				
TX	2+	0.058		K02OC Nacogdoches	
TX	8+	0.021		K08KK Paris (KTEN-10)	33-39-39N/ 95-33-21W
TX	59z	8.5		K59GC Plainview; from K44DA, ch. 44n	
TX	66n	8.2		K66DB Seminole	
TX	69n	8.41		K69FQ Snyder	
TX	51-	48.8		KBGS-LP Victoria; from no offset	
TX	53z	48.6		K53CZ Victoria	
UT	29n	1.33		K29DT Beaver	38-30-32N/113-17-21W
	from K02BY, ch. 2n, Minersville.				
UT	24n	0.278		K24DC Cedar City (KULC)	37-38-18N/113-01-52W
UT	43n	0.735		K43DY Garfield Co.	
UT	45n	0.735		K45BY Garfield Co.	
UT	47n	0.735		K47AB Garfield Co.	
UT	49n	0.735		K49AG Garfield Co.	
UT	50n	0.348		K50FC Garrison; from K68DY, ch. 68n	
UT	39n	1.3		K39AK Vernal (TBN)	40-21-01N/109-09-49W
	from Bonanza.				
UT	32n	0.383		K32EJ Woodland (KJZZ-14)	
VA	2+	0.062		W02CC Lynchburg (x-WDRL-LP)	
VA	42+	20.6		W42CH Richmond (x-W04CT)	37-36-52N/ 77-30-56W
WI	65+	45.9		W65BT Milwaukee	43-06-42N/ 87-55-50W
	from downtown to the new WDJT-58 tower.				
WV	34z	15.2		W34BX Bluefield	37-15-26N/ 81-10-42W
WY	45n	18.7		K45BW Cody	44-35-01N/108-51-51W
WY	44n	1.02		K44FA Evanston	41-21-04N/110-53-50W
	from K06IF, ch. 6n, Uinta Co.				

KDLT-5's (Mitchell, SD) permit to move 85km west has been rescinded. I don't know why. (maybe a complaint from KPLO-6?)

CHANGES GRANTED TO CONSTRUCTION PERMITS

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
TX	31+	12.7		K31ET Amarillo	35-15-39N/101-52-52W

TECHNICAL CHANGES ON THE AIR

CA	65+	K65EY Bakersfield (power decrease 27.2=>21.5KW; move a few hundred feet and increase tower height about 30m. Relays KVPT-18 Fresno.)			
CO	12n	K12AK Crested Butte (move about 1.5km northwest)			
CO	45n	K45CY Crested Butte South (move about 2km northwest)			
CO	49n	K49BW Crested Butte South (move about 2km northwest)			
GA	34z	WNGM Athens (power increase 1260=>5000KW; tower height 412=>440m; move about 35km west-southwest)			
IA	53-	K53FC Ottumwa (major power increase & move 10km southeast)			
IA	65z	K65BY Waterloo (major power increase 1.6=>8.7KW)			
IL	13+	WOCK-LP Chicago (switch from minus offset; power increase from 222=>410 watts; move to John Hancock building, about 12km east-southeast.)			
MS	16z	WAPT Jackson (major power increase 1050=>4790KW, minor tower height increase of 2m.)			
NV	56n	K56GB Wadsworth (from ch. 63, Reno)			
TX	57z	K57FC Corpus Christi (power increase 20=>47.2KW; TBN)			

NEW STATIONS ON THE AIR

<u>Call:</u>	<u>Ch:</u>	<u>Location:</u>	<u>Power & HAAT:</u>	<u>Coordinates:</u>
XHNEB	29+	Ensenada, BN		XEQ-9 relay
XHAVC	9	Chihuahua, CI		XEQ-9 relay
K33EL	33n	Crested Butte, CO	125W	38-54-08N/106-58-20W
K16DR	16n	Jacks Cabin, CO	74W	38-42-47N/106-48-36W
K07VH	7n	Sargents, CO	3W	38-23-26N/106-24-39W
WRUA	34z	Fajardo, PR	50.1KW/848m	18-18-36N/ 65-47-41W
K14IO	14n	Pierre, SD	38.5KW	44-25-24N/100-21-13W
K21EN	21+	Yankton, SD	18.5KW	42-56-56N/ 97-09-33W
Above two are translators of KTTW-17 Sioux Falls.				
XHSLV	7	San Luis Potosi, SL		XEQ-9 relay
K08MK	8n	Corpus Christi, TX	200W	27-45-09N/ 97-27-18W

CALL CHANGES

<u>Was:</u>	<u>Location:</u>	<u>Now:</u>
K46EJ	Little Rock, AR:	KKAK-LP
K65FO	Tucson, AZ:	KTLL-LP
new-18	Grand Junction, CO:	KRMJ-18 (owned by KRMA-6)
W14CB	Gainesville, FL:	WJXE-LP
WETR-?	Winston-Salem, NC:	WXII
W64BG	Columbus, OH:	WCLL-LP
W47BD	Findlay, OH:	WFND-LP
WDRG-24	Danville, VA:	WDRL-TV
WDRL-LP	Lynchburg, VA:	W02CC

I don't list any WETR TV, and there's already a WXII on channel 12 in Winston-Salem. I think this actually applies to an AM station (830KHz) in the same market. Such a change would require WXII-12 to change its call to WXII-TV.

PROGRAMMING CHANGES

WTTO-21	Homewood, AL:	to WB.
K14IK	Delano, CA:	to relay KCSO-19 (Univision).
K22EJ	Redding, CA:	to relay KCVU-30 (Fox).
K23DT	Tahoe City, CA:	to relay KAME-21 (UPN).
WUBI-34	Baxley, GA: (Savannah)	from WB to UPN.
WJCL-22	Savannah, GA:	drops UPN. (now ABC only)
KSNB-4	Superior, NE:	from ABC/Fox to Fox.
K06MS	Black Lake, NM:	to relay KOB-4 (NBC).
K17CA	Carson City, NV:	to relay KRXI-11 (Fox).
K57CV	Carson City, NV:	to relay KAME-21 (UPN).
K44BE	Fallon, NV:	to relay KAME-21 (UPN).
K35AX	Hawthorne, NV:	to relay KAME-21 (UPN).
K34BL	Lovelock, NV:	to relay KAME-21 (UPN).
K55DP	Reno, NV:	to relay KRXI-11 (Fox).
K67ET	Silver Springs, NV:	to relay KAME-21 (UPN).
W56CA	Delaware, OH:	to be religious.
KWHB-47	Tulsa, OK:	adds Kids WB.
CKCO4-11	Huntsville, ON:	to relay CKNY-10 (CTV).
CFPL-10	London, ON:	to CTV.
CHWI-16	Wheatley, ON:	to CTV.
CKCO2-2	Warton, ON:	to relay CKNX-8 (CTV).
CKNX-8	Wingham, ON:	to CTV.
KIRO-7	Seattle, WA:	from UPN to Fox.
KCPQ-13	Tacoma, WA:	from Fox to ??.

The Canadian programming changes are applications, which require government approval.

STATIONS DELETED

<u>St</u>	<u>Ch</u>	<u>Call</u>	<u>City</u>
AL	36+	W36CB	Selma; canceled at request of permittee.

STATIONS DELETED

<u>St</u>	<u>Ch</u>	<u>Call</u>	<u>City</u>
CT	18-	WHCT-TV Hartford; license expired 2/9/97.	
OR	59+	K59FG North Bend; CP canceled 1/22/97.	
OR	64z	K64EH Roseburg; CP canceled 1/22/97.	

OTHER STUFF

Thanks to John Lentz, Fernando Garcia, Chip Kelley, and Fred McCormack for some of the information above.

In Ontario, the public notices don't say so but I believe CKCO-13 plans to drop CTV as part of these changes. CKCO and CFPL have overlapping coverage areas. (and such a change would explain the two CKCO relayers switching to other CTV affiliates as primaries)

Further west in Canada, the four new Alberta stations are all co-owned. Lethbridge will rebroadcast Calgary, and Red Deer will repeat Edmonton. All four are to be known as the "A-Channel"; they belong to Craig Broadcasting (CKX-5 & CHMI-13, Manitoba) These grants are a blow to CanWest Global's plans for a third national network, but Mike Cherry says it isn't fatal - and indeed, there could be two new national networks in Canada soon. See Mike's comments in Forum. Note that two of these stations run substantial power on low-band VHF. The Calgary and Lethbridge stations will be common skip targets throughout much of the USA and Canada.

The Seattle changes were triggered by A.H. Belo's purchase of Providence Journal's stations. Belo owned UPN KIRO-7; Providence owned NBC KING-5. Belo will keep KING. It will trade KIRO to Fox in exchange for KSAZ-10 Phoenix and KTBC-7 Austin. I don't know how long the latter two stations' Fox contracts are; further network swaps are possible here. KCPQ will probably go UPN, but that isn't official yet.

WUBI's action in dropping WB may be the first of several. WUBI was upset at WB's plans for a "WeB" cable channel, carrying many network programs. Other WB affiliates have also expressed displeasure at WeB.

WHCT-18 Hartford has run afoul of the 1-year dark period limit in the Telecommunications Act of 1996. They filed a last-minute appeal for assignment of the license from a bankruptcy trustee to another firm with the capital to return the station to the air. But there were serious qualification issues raised about the proposed new owner, and it was impossible for the FCC to hold a hearing on the issues before the deadline. The Commission held there was nothing to prevent the trustee from returning the station to the air to maintain its license, so the special appeal was denied. With the DTV freeze in place, I expect channel 18 in Hartford is now permanently dead.

FORUM

Mike Cherry, Salt Spring Island BC:

In Canada, TV networks must be licensed by the government. Currently, only three national over-the-air networks exist: CBC, SRC ("French CBC"), and CTV. (a private network) For many years, Global has existed as a provincial network serving only the province of Ontario. In the 1980s, Global began to expand into western Canada, with a goal of eventually becoming the country's third English-language national network. A couple of years ago, Global and several other firms applied for new stations in several Alberta markets. At the time, the CRTC felt the province's economy couldn't handle another TV service; all applications were denied. In 1996, they tried again - and the CRTC changed its mind. Unfortunately for Global, the licenses went to someone else..

But Mike says from what he's read, "It IS likely that the CRTC will grant CanWest-Global a network license, but it is also likely that Baton will acquire a network license at some point in the future." More about Baton in a moment. Mike says Global would probably sign a programming agreement with one of the Alberta independent stations; they're already selling programming to CICT-2 Calgary and CITV-13 Edmonton. Incidentally, the CRTC has not yet scheduled hearings over Global's application to take over English-language CBC affiliate CKMI-5 Quebec City and convert it to a province-wide English-language station affiliated with Global. CFCF-12 Montreal has raised serious objections. Baton is licensee of the "BBS" stations - mostly in Ontario, but there are others especially in Saskatchewan.

FORUM

Mike also expressed surprise at the use of channel 2 in Lethbridge. I don't know where the proposed transmitter site is, but existing station CISA-7 has a tower in the city of Lethbridge only 173km (107mi.) from the CICT-2 tower. Substantial co-channel interference is likely in the area between the two cities.

Fred McCormack, St. Paul MN:

In his travels around the Upper Midwest, Fred has noticed two KDLT-5 translators that don't appear in the FCC database. One is on channel 28 at Aberdeen, South Dakota, and the other is on channel 47 at South Shore, South Dakota. (near Watertown) I can't find anything that makes sense on either of these.

Chip Kelley, Dallas TX:

Chip has located a valuable unID aid on the Internet: *TV Guide* online! You can see the local programming listings for any city by going to <http://www.tvguide.com>. Or, to go directly to listings for a specific time and edition, go to:

<http://www.tvguide.com/tv/listings/editions/<ed>/<dp><day>.sml>.

<ed> is the two-letter code for the regional edition; <dp> is a one letter code for the daypart. (use g for prime time) And <day> is the day of the month. So primetime listings for March 15 in the North Texas edition would be [tv/listings/editions/nx/gl5.sml](http://www.tvguide.com/tv/listings/editions/nx/gl5.sml). I believe if you were to write Chip at chipk@nortel.ca, he'd be willing to provide edition codes for some areas of interest to you.

Eric Bueneman, St. Louis MO:

Commercial stations are preparing financially for DTV, and now it appears religious stations are too. During KNLC-24's January fund-raiser, Eric noted station director Larry Rice asking for viewer support in acquiring the necessary equipment to begin DTV broadcasts once licenses are issued. He said WCFC-38 Chicago already had DTV equipment on hand. (I would be surprised if that's true, as the standard has only existed for a few months, and there simply isn't much gear available yet!)

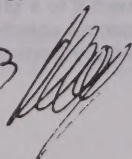
Eric asks a hypothetical question: "Let's say I was running a CBS affiliate on a VHF channel and ordered DTV equipment. If I did that, would I also have to apply to move to UHF before putting this equipment in place?" It's too early to answer that question, as the application procedure isn't yet in place. Indeed, the timetable and fee schedule for the conversion haven't been finalized -- they were part of President Clinton's State of the Union speech, delivered a few days before I wrote this column. My belief is that all stations will have to file a regular application for DTV facilities, containing all the technical information they'd have to provide if they were proposing a totally new station. They'll be immune from the ownership-qualification paperwork, as they already have a license. And they'll be immune from competing applications for the same channel. They will have to show they're far enough from other stations on the same channel, that they don't exceed the maximum permissible ERP, and (if they propose a new tower) that they have FAA approval.

I suppose if a station were confident enough that it would receive a specific channel for DTV, it could order and install equipment without waiting for a FCC permit. It's perfectly legal to own -- and even install -- transmitting equipment without a license. You only need the license if you intend to turn the transmitter on... But I think that would be a dangerous gamble of an awful lot of money.

Eric also asks "I would think that DTV would be different from HDTV, am I correct on this?". Yes and no.. We got into this whole DTV situation when it became apparent it was possible to deliver TV pictures with a better resolution than what's currently available. At first, it was believed possible to deliver a high-resolution picture through an analog system using a second "enhancement channel".

But as digital compression techniques improved, it became apparent a high-resolution picture could be delivered in one 6MHz channel through digital means. This caught the broadcasters' attention, as the digital data stream need not represent one high-resolution TV picture. It could also represent several regular-resolution pictures, or a regular-resolution picture and a data stream (wireless high-speed Internet access?), or even a regular picture and a few dozen radio stations. It also caught the government's attention - as if all TV stations had to be moved to new channels, the VHF channels could be cleared out and auctioned to two-way interests. Any scheme for raising large amounts of revenue without appearing to increase taxes is very popular!

So now, we have DTV. When I use that term, I mean a digital data stream, transmitted by a station licensed primarily for TV broadcasting, and containing at least one broadcast television picture. HDTV (which I probably won't use much anymore!) means any television picture of substantially higher resolution than regular NTSC.

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TV AZTECA RELAYER LIST

State abbreviations are same as in the *FM Atlas*.

Call:	City:	St.:	Net:
XHENT-2	Ensenada	BN	7
XHFEC-2	San Felipe	BN	13
XHCAM-2	Campeche	CE	7
XHCSA-2	San Cristobal de los Casas	CH	7
XH??-2	Tuxtla Gutierrez	CH	7
XHCH-2	Chihuahua	CI	local
XH??-2	Colima/Nevado	CY	13
XHDR-2	Manzanillo	CY	13
XHTCA-2	Tecoman	CY	13
XHDRG-2	Durango/Guadalupe Victoria	DG	7
XHIR-2	Iguala	GR	13
XHGJ-2	Puerto Vallarta	JA	13
XHTZL-2	Tamazunchale	SL	7
XHCAN-2	Cananea (?)	SO	7
XHFA-2	Cananea/Miguel Hidalgo/Nogales/Santa Cruz	SO	13
XHTAU-2	Tampico	TA	7
XHAZL-2	Cerro Azul	VE	13
XHCCT-3	Cd. del Carmen	CE	7
XHCOL-3	Colima (Nevado)	CY	7
XHCVT-3	Cd. Victoria	TA	13
XHFET-3	San Fernando	TA	13
XHHP-3	Soto la Marina	TA	13
XHJCM-4	Aguascalientes/Ojo Caliente/ Lagos de Moreno/San Juan de los Lagos	AG/JA	13
XHAO-4	Pueblo Nuevo/San Cristobal de las Casas	CH	13
XHIT-4	Chihuahua	CI	13
XHWX-4	Saltillo/Monterrey	CI/NL	13
XHCJ-4	Sabinas/Nueva Rosita	CL	13
XHNCI-4	Manzanillo	CY	7
XHPAP-4	Santiago Papasquiaro	DG	13
XHIB-4	Ixcateopan/Taxco	GR	13
XHAF-4	Tepic	NA	13
XHPSO-4	Matias Romero/Lagunas	OX	7
XHHSS-4	Hermosillo	SO	13
XHKYU-4	Valladolid	YU	13
XHAQ-5	Mexicali	BN	13
XHJCC-5	S. Jose del Cabo	BS	13
XHGE-5	Campeche	CE	13
XHHPC-5	Hidalgo del Parral/Matamoros/S. Francisco de Oro/ V. de Allende	CI	13
XHCER-5	Chilpancingo/Mochitlan/Tixtla/Zumpango	GR	13
XHTUX-5	Iguala/Taxco	GR	7
XHDU-5	Zihuatanejo	GR	13
XHTCM-5	Zitacuaro	MH	7
XHPMS-5	Matehuala/Cedral	SL	13
XHBY-5	Cd. Mante	TA	13
XHV-5	Zacatecas	ZA	7
XHAPB-6	La Paz	BS	13
XHOMC-6	Arriaga/Tonala	CH	13
XHMCH-6	Motozintla*	CH	7
XHCGJ-6	Cd. Camargo	CI	7
XHHR-6	Ojinaga	CI	13
XHPNG-6	Piedras Negras	CI	7
XHGZP-6	Gomez Palacio	DG	7
XHACC-6	Acapulco/Diamante/Coyuca de Benitez/ Renacimiento/Tierra Colorada	GR	7
XHXEM-6	Tlaxcoapan/Tula/Toluca/V. de Bravo/ Tepeji del Rio	HD/MC	13
XHAFC-6	Tulancingo	HD	13
XHPUR-6	Puebla	PU	13
XHCLP-6	San Luis Potosi	SL	7
XHMCH-6	Los Mochis*	SN	13
XHLCI-6	Mazatlan	SN	13
XHCSO-6	Cd. Obregon	SO	13
XHVHT-6	Villahermosa	TB	13
XHIDC-7	Isla de Cedros	BN	7
XHCOC-7	Cd. Constitucion	BS	13

TV AZTECA RELAYER LIST (continued)

Call:	City:	St.:	Net:
XHGN-7	Cd. del Carmen	CE	13
XHECA-7	Escarcega	CE	7
XHCSA-7	Pueblo Nuevo	CH	7
XHHE-7	Cd. Acuna	CI	13
XHPFC-7	Parras del Fuente	CI	13
XHIMT-7	Mexico/Coacalco/Cuautitlan	DF/MC	7
XHVEL-7	Cuencamo/Velardena	DG	13
XHDB-7	Durango	DG	7
XHCCG-7	Celaya/Guanajuato/Tepozan/Irapuato	GN	7
XHPHG-7	Cerro Cubitos/Pachuca	HD	7
XHPVJ-7	Puerto Vallarta	JA	7
XHLCM-7	Lazaro Cardenas	MH	13
XHEN-7	Monterrey	NL	7
XHHDL-7	Huajuapán	OX	7
XHPCE-7	Puerto Escondido	OX	13
XHSCO-7	Salina Cruz/Santo Domingo	OX	13
XHTHP-7	Tehuacan	PU	7
XHAQR-7	Cancun/Cozumel/Isla Mujeres	QR	13
XHMIS-7	Los Mochis	SN	7
XHPPS-7	Puerto Penasco	SO	7
XHCTZ-7	Coatzacoalcas	VE	7
XHMEY-7	Merida	YU	7
XHGNC-8	Guerrero Negro	BS	7
XHSJC-8	San Jose del Cabo	BS	7
XHCOM-8	Comitan/Las Margaritas	CH	7
XHCGC-8	Nvo. Casas Grandes	CI	13
XHGVH-8	Gpe. Victoria/ San Pedro	DG	13
XHCBM-8	Taretan/Zamora/Morelia/Patzcuaro	MH	13
XHLEN-8	Tepic	NA	7
XHINC-8	Pinotepa Nacional	OX	13
XHSTV-8	Santiago Tuxtla	VE	13
XHCCB-9	Cd. Constitucion	BS	7
XHPEH-9	Escarcega	CE	13
XHHDF-9	Hidalgo del Parral/Matamoros/ S. Francisco de Oro/Villa de Allende	CI	7
XHHC-9	Castanos/Monclova/San Buena Ventura	CL	13
XHKF-9	Colima/Nevado/Cd. Guzman	CY/JA	13
XHCHL-9	Chilpancingo/Tixtla/ Mochitlan/Zumpango	GR	7
XHJN-9	Huajuapán	OX	13
XHCQO-9	Chetumal	QR	7
XHPVC-9	Felipe Carrillo Puerto	QR	13
XHQUR-9	Queretaro	QT	13
XHCUA-9	Culiacan	SN	13
XHHN-9	Empalme/Guaymas	SO	13
XHCDT-9	Cd. Victoria	TA	7
XHLAV-9	La Venta	TB	7
XHLGA-10	Aguascalientes/Ojo Caliente	AG	7
XHSRB-10	Santa Rosalia	BS	7
XHTON-10	Arriaga/Tonala	CH	7
XHJU-10	Huehuetlan	CH	13
XHJCH-10	Cd. Jiminez	CI	13
XHIE-10	Acapulco/Coyuca de Benitez/Renacimiento	GR	13
XHIXZ-10	Zihuatanejo	GR	7
XHPSO-10	Oaxaca	OX	?
XHDL-10	Mazatlan	SN	7
XHBK-10	Cd. Obregon	SO	7
XHHO-10	Hermosillo	SO	7
XHSTE-10	Santiago Tuxtla	VE	7
XHVAD-10	Valladolid	YU	7
XHLVZ-10	Zacatecas	ZA	13
XHCVO-11	Calvillo	AG	7
XHSIB-11	San Ignacio	BS	7
XHJU-11	Tapachula	CH	13
XHECH-11	Chihuahua	CI	7
XHCJE-11	Cd. Juarez	CI	13
XHMLA-11	Castanos/Monclova/San Buena Ventura	CL	7
XHTCO-11	Tecoman	CY	7
XHSFJ-11	Guadalajara	JA	7
XHDG-11	Oaxaca	OX	13

TV AZTECA RELAYER LIST (continued)

Call:	City:	St.:	Net:
XHJP-11	Puerto Escondido	OX	7
XHSMT-11	San Miguel Tlacotepec	OX	7
XHTHN-11	Tehuacan	PU	13
XHCCQ-11	Cancun/Cozumel/Isla Mujeres	QR	7
XHKD-11	Cd. Valles	SL	13
XHDD-11	San Luis Potosi	SL	13
XHDO-11	Culiacan	SN	7
XHMTA-11	Matamoros	TA	7
XHVIH-11	Villahermosa	TB	7
XHBE-11	Coatzacoalcos	VE	13
XHCPE-11	Perote	VE	7
XHDH-11	Merida	YU	13
XHCPZ-11	Sombrerete	ZA	13
XHBAB-12	Bahia Asuncion	BS	7
XHBTB-12	Bahia Tortugas	BS	7
XHBC-12	La Paz	BS	7
XHDZ-12	Comitan/Las Margaritas	CH	13
XHTAP-12	Huehuetlan	CH	7
XHHE-12	Parras del Fuente	CI	7
XHSPC-12	San Pedro	DG	7
XHMAS-12	Celaya/Guanajuato/Tepozan/Irapuato	GN	13
XHAFC-12	San Nicolas Jacala	HD	7
XHTEM-12	Amecameca/Puebla	MC/PU	7
XH??-12	Morelia	MH	13
XHIG-12	Matias Romero/Lagunas/Oaxaca	OX	12
XHBX-12	Chetumal	QR	13
XHCDE-12	Cedral/Matehuala	SL	7
XHTAZ-12	Tamazunchale	SL	13
XHREY-12	Reynosa	TA	13
XHWT-12	Tampico	TA	13
XHKC-12	Fresnillo	ZA	13
XHENE-13	Ensenada	BN	13
XHSIS-13	San Isidro	BS	7
XHTAP-13	Tapachula	CH	7
XHSBC-13	Sabinas/Nueva Rosita	CI	7
XH??-13	Torreon	CI	13
XHDF-13	Mexico/Amecameca/Coacalco/Cuautitlan	DF/MC	13
XHGDP-13	Gomez Palacio	DG	13
XH??-13	Celaya	GN	13
XHJAL-13	Guadalajara	JA	13
XHCUR-13	Cuernavaca	MR	13
XHOXX-13	Oaxaca	OX	7
XHBL-13	Culiacan	SN	13
XHIC-13	Jalapa/Perote/Veracruz	VE	13
XHOR-14	Matamoros	TA	13
XHLUC-19	Valle de Bravo/Toluca Edo./Tula/ Tlaxcoapan/Tepeji del Rio	MC/HD	7
XHEXT-20	Mexicali	BN	7
XHCJH-20	Cd. Juarez	CI	7
XHTIT-21	Tecate/Tijuana	BN	7
XHLNA-21	Nuevo Laredo	TA	13
XHNOA-22	Miguel Hidalgo/Nogales/Santa Cruz	SO	7
XHJK-27	Tecate/Tijuana	BN	13
XHCUV-28	Cuernavaca	MR	7
XHLAT-33	Nuevo Laredo	TA	7
XHQUE-36	Queretaro	QT	7
XHBUR-39	Morelia	MH	7
XHLLO-44	Saltillo	CI	7
XHRAM-48	Zamora	MH	7

This list contains only stations affiliated with TV Azteca. See your November 1996 *VUD* for a list of stations affiliated with the other major Mexican company, Televisa.

Douglas E. Smith
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
72777.3143@compuserve.com

MARCH 1997

editor- GREG CONIGLIO
90 SLATE CREEK DRIVE - APT. 3
CHEEKTOWAGA, NEW YORK 14227
E-MAIL coniglio@localnet.com
TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication:
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479
PHONE (615) 865-1525 FAX (615) 865-2598

KEY: &: satellite programming AF: new freq. allocation accepted for filing for a new FM license CC: call change /new calls assigned CL: city of license change granted CO: new xmtr co-ordinates CX: a CP has expired, and is cancelled C1,C2, etc: change in class status DA: directional antenna DE: calls deleted , license returned to FCC FC: station format change	GA: granted amendment to table of FM allocations GE: station was granted extension of a CP GX: granted replacement of expired CP LC: filed for license to cover (for new str.) MC: multiple-city legal ID NC: no change yet, on a reported pending grant/change. ND: non-directional NO: station is not on the air NS: a new station granted a license OSA: one-step application NW: new station signs on the air PA: proposed amendment to change table of allocations PC>: a power change (increase)	PC<: a power change (decrease) PG>: power change granted (increase) PG<: power change granted (decrease) QC: frequency change for this station QG: frequency change granted RA: station returns to the air RE: station requests extension of a CP RX: station requests re-instatement of an expired CP SG: slogan change or update SI: station is silent XA: dismissed amendment to the table of FM allocations XC: station changes xmtr site XG: station granted a transmitter (xmtr) site change
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UNITED STATES

ALABAMA:

Eufala: WULA 92.7 FC to CHR "The New U"
 Eutaw: WWQZ104.3 CC (ex WQLW), FC to urban AC (&) (Tuscaloosa)
 Hamilton: WERH 92.1 adds Branson country (&)
 Muscle Shoals: WLAY 105.5 PC> 1050w, 741 ft, XC: 34-40-24 / 87-42-56
 Oxford: WTBJ 91.3 PC< 170w (cir)
 Selma: WAQU 91.1 CC (NS)

ALASKA:

College: KUWL103.9 FC to country (&)
 Juneau: K203CH 88.5 NS-50w(v): KTLW 88.9 CA
 Juneau: KAMT100.7 NO-GE

ARIZONA:

Arizona City: KONZ106.5QC from 106.3, PC> 6 kW 292 ft.
 Kingman: KGMN 99.9 FC to Jones country "K99"
 L.Havasut C: KBBC101.1 PC> 6 kW, 161 ft, XC: 34-39-28 / 114-20-42
 Payson: KRIM 104.3 NC to 91 kW, 1164', RE
 Red Mesa: *NS 89.7 4.5 kW, 134 ft.
 Salome: *** 96.1 PA to add class A
 Williams: KVTF 96.7 PG< 10.5 kW, 1066 ft, class C2, XG: 35-07-52 / 112-08-03
 Yarnell: *** 99.5 PA to add class A
 Yuma: KYRM 91.9 CC (NS)

ARKANSAS:

Cabot: KARN102.5 CC (ex KKRN)
 Calico Rock: *** 97.1 PA to add class A
 DeQueen: KDQN 93.1 QC from 92.7, PC> 50 kW 492 ft.
 DesArc: *** 104.7 PA to add class A
 Gould: *NS 102.5 6 kW, 328 ft.
 Hampton: KKOL 107.1 CX CP for 106.5 - C3,17.5 kW
 Hot Springs: KSBC90.1 PC> 7.8 kW, 443 ft, C3 XC: 34-37-31 / 93-00/37
 Humnoke: KKRN101.7 CC (ex KARN)
 Marion: KANG107.1 CC (ex KMZN)
 Nashville: *** 96.9 PA to add class A
 Newport: KOKR 96.7 NC to 35 kW, 548 ft, RE
 St.Paul: *** 105.3 PA to add class A
 Wilson: KAFW103.7 NO-GE

CALIFORNIA:

Alturas: *NS 106.5 51 kW, 508 ft.
 Avalon: KLIT 92.7 CC (ex KRCL)
 Bakersfield: KSMJ 96.5 CC (ex KHIS)
 Bakersfield: KCWR107.1 CC (ex KTIE)
 Calpatia: KSSB 100.9 PG< 3 kW (h), 66 ft.
 Coalinga: KNGS100.1 NO-GX
 E.Porterville: KRLG100.5 CC (ex KOJJ), FC to Spanish hits (Visalia)
 Fairmead: KLVY 91.1 CC (NS)
 Felton: KHIP 93.7 NO-GE
 Glendale: KSCA101.9 FC to regional Mexican (L.A.)
 Grass Valley: *** 103.3 PA to add class A
 Hanford: KGEN 94.5 NW, Spanish (Fresno), PC> 3.3 kW, 443', XC: 36-12-16 / 119-33-52
 Livingston: KYCC 89.1 CC (NS)
 Lompoc: KAKV 106.7 NO-GE
 Morro Bay: KWWV 99.7 NC to 265w, 1532', GE
 Northridge: KCSN 88.5 PG> 320w, 1643 ft, DA, B1 XG: 34-19-11 / 118-33-14
 Paso Robles: KDDB92.5 PC> 4.8 kW (cir), 1486 ft XC: 35-21-40 / 120-39-21



COLORADO:

Boulder: KRKS 94.7 GA: to CL: Lafayette, CO
 Calhan: *** 103.9 PA to add class A
 Durango: *** 96.5 PA to add class A
 Glenwood Sps: *** 95.5 PA to add class A
 Gunnison: KVLE 102.3 adds Branson country (&)
 Kremmling: KRKM106.3 adds Dr. Laura (&)
 Lakewood: KQKS107.5 CC (ex KHHT), FC to
 dance/CHR (Denver)
 Longmont: KQKS104.3 FC to classic country
 (call change pending) (Denver)
 Pueblo: KYZX 104.5 XC: 38-33-23 / 104-35-56
 inc. to 492 ft.
 Steamboat Sps: K219DA 91.7 NS-10w(h): WWFM-NJ
 Steamboat Sps: ***98.9 PA to add class A
 Telluride: KRYD104.9 NO-RE

CONNECTICUT:
 Somers: WDJW 89.7 RA // WWUH 91.3
 Storrs: WHUS 91.7 NC to 4.4 kW (v), 1028w(h)
 492 ft, DA class B1, XC, GE

FLORIDA:

Bayshore: *NS 91.9 AF
 Century: WPFL105.1 PC> 25 kW, DA, C3
 XC: 30-52-12 / 87-20-05
 Edgewater: WKTO 88.7 NO-RE
 Florida City: *NS 88.5 NO-GE
 Holly Hill: WANX 88.1 NO-GE
 Homestead: WXDJ95.7 NC to 40 kW, 581', DA, GE
 Jupiter: WTPX105.5 NO-GE
 LaBelle: WKZY 92.5 PG for interim 6 kW class A
 setup (independent of their class C3 grant)
 Live Oak: WQHL 98.1 inc. granted to 420 ft.
 Marathon: WGMX94.3 PC> 50 kW, 276', C2
 XC: 24-41-30 / 81-06-31
 Naples: WPRW93.5 CC (ex WNOG), FC to
 dance/CHR "Power 93.5" (Fort Myers)
 Panama City: WPFM 107.9FC to dance CHR
 Port Charlotte: WFSN 100.1 XC: 26-37-25 / 82-06-56
 inc. to 476 ft.
 Tarpon Sps: WYFE 88.9 NC to 60 kW, 449 ft, DA, RE

GEORGIA:

Bowdon: WYAI 105.5 NW, country "Y 105.5"
 Coosa: WSRM 95.3 NO-CX-DE
 Demorest: WPPR 88.3 NW, Peach State Pub. Radio
 Folkston: *NS 91.3 AF
 Milledgeville: WXGC91.9 QC from 88.9, PC> 6 kW,
 328 ft, XC: 32-53-16 / 83-11-22
 Ringgold: WSGC101.9 FC to hot AC (&) "U102"
 Rome: WKCX 97.7 PG> 4.3 kW, DA
 Savannah: *NS 88.1 AF (AFA)
 Sparta: WMGZ97.7 NC to 8.5 kW, 554', CX
 Statenville: WHLJ 97.5 CC (NS)
 Swainsboro: WJAT 98.1 FC to country "U92" (??)
 Toccoa: WSTE106.1 CC (ex WLET), "South 106"
 Valdosta: WYZK 96.7 NC to 50 kW, 492', GE

HAWAII:

Hilo: KAOE 92.7 NO-GX
 Honolulu: KHPR 88.1 NC to 45 kW, 2116', RE
 Kaneohe: KBLZ 104.3 NO-RE

IDAHO:

Caldwell: KCID 107.1 PC> 49 kW, 2654 ft
 class C, XC: 43-45-18 / 116-05-52
 Driggs: *** 102.1 PA to add class A
 Franklin: *** 97.7 PA to add class A
 Gooding: KMXM100.9 LC
 Homedale: *** 106.3 PA to add class C
 Idaho Falls: *** 107.3 PA to add class A
 Ketchum: KIKX 104.7 LC
 Mountain Home: KTPZ 99.1 CC (ex KLVJ)
 Pocatello: *** 92.1 PA to add class A
 Twin Falls: *** 98.3 PA to add class A
 Victor: *** 104.3 PA to add class A
 Weston: *** 95.9 PA to add class A

ILLINOIS:

Bushnell: WLMD104.7 adds WW1 country (&)
 Carlyle: WCXO 96.7 NO-GE
 E. St. Louis: WVRV101.1 dec. to 581 ft, DA
 Eureka: WEEK 98.5 CC (ex WIVR)
 Granite City: WKXK106.5 adds Steve & DC. 1/27/97
 (they having been dumped from WKXK 104.1)
 Heyworth: *** 97.9 PA to add class A
 Jerseyville: WKXK104.1 FC to modern AC
 "Alice at 104.1" (St. Louis)
 Joliet: WLLI 96.7 FC to adult rock (&)
 Kewanee: WJRE 93.9 QC from 92.1, PC> 3.1 kW
 453 ft.
 Macomb: WKAI 100.1 FC to hot AC
 Metropolis: WRIK 98.3 NC to 50 kW, 492', RX
 Ottawa: WRKX 95.3 PC> 4.3 kW, 200 ft.

INDIANA:

Attica: WGBD 95.7 FC to modern rock (Lafayette)
 Corydon: WSFR107.7 GX CP for 31 kW, DA, class B
 Crawfordsville: WAQN 91.3 CC (NS)
 Evansville: WABX107.5 CC (NS), PG< 2 kW, 561', DA
 Veedersburg: WKLO92.9 CC (ex WKLR), PG, 1 kW,
 108', XG: 40-09-23 / 87-13-40, NO-RE
 Vincennes: WAQO 89.9 CC (NS)

IOWA:

Ames: KLTJ 104.1 CC (ex KEZT), "Lite 104.1"
 Asbury: *** 95.5 PA to add class C3
 Belle Plaine: KXPW95.5 NO-CX
 Charles City: KCHA95.9 FC to Jones Hot AC (&)
 // KCZE 95.1 & KCZY 103.7, "The River"
 Davenport: KCQQ106.5 PC> 100 kW< 981 ft
 XC: 41-37-58 / 90-24-38
 Lake City: KIKD 106.7 CC (NS)
 Lamoni: KASD 97.9 CC (NS)
 Ottumwa: *NS 91.1 AF (U. Northern IA)
 Red Oak: KCSI 95.3 NC to 20.5 kW, 364', GE
 Waterloo: KNWS101.9 dec. to 994 ft.
 Waterloo: KOKZ105.7 FC to oldies, "Cool 105.7"

KANSAS:

Copeland: KHYM103.9 CC (NS)
 Independence: KARF91.9 LC
 McPherson: K204CR88.7 NS-250w: KYFW 88.3
 Manhattan: *NS 88.7 AF (AFA)
 Ottawa: KCHZ 95.7 RA with modern rock (K.C.)
 Wichita: KZZD 90.7 RA with contemp. Christian



KENTUCKY:

Elkhorn City: WPKE103.1 NC to 320w, 1397 ft, GE
Georgetown: WRVG89.9 PG> 50 kW, 410 ft, C2
XG: 38-12-15 / 84-32-51
Hawesville: WKCM 97.1 QC from 105.7
Lexington: WKQQ 98.1 XC: 38-02-07 / 84-27-02
Louisville: WFPL 89.3 PC< 21 kW, 774 ft, class B
XG: 38-31-55 / 85-50-24
Louisville: W230AK93.9 NS-120w: WJIE 88.5
Midway: WAHY107.9 NO-RE
XG: 38-11-41 / 84-38-25
Nicholasville: WLTO102.5 adds ABC oldies (&)
Wickliffe: WGKY 95.9 FC to modern rock (&) (Pad.)

LOUISIANA:

Amelia: *** 97.7 PA to add class C3
Amite: WTGG 96.5 CC (NS)
Benton: KLKL 92.1 NC to 6 kW, 325 ft, RE
Breaux Bridge: KFTE96.5 FC to modern rock (Laf.)
Franklinton: WFCG98.9 CC (ex KAKA)
Galliano: WTIK 94.3 PG> 100 kW, 981 ft, DA
class C1, XG: 29-33-45 / 89-49-46
Lake Charles: K263AG 100.5 NS-148w: KSBK 89.3 TX
Larose: KLRZ 100.3 PC> 50 kW, 318 ft.
Many: *NS 89.7 AF (AFA)
Maurice: KFXZ 106.3 PC> 2.6 kW
New Iberia: K219DB91.7 NS-250w: WYFG 89.3 SC
New Iberia: KDEA 93.7 FC to urban AC "The Touch"
New Roads: KQXL106.5 FC to urban AC (B.Rouge)
Oakdale: KKST 98.7 CC (ex KICR), FC to
hot AC "Star 98" (Alexandria)
Opeolus: KVOL 105.9 FC to AC "Star 105.9"
Port Sulphur: KKND106.7 adds Howard Stern

MAINE:

Portland: WJBQ 97.9 CC (ex WCSO), "Q 97.9"
Winter Harbor: WAKN97.7 NO-RE

MARYLAND:

California: WKIK 102.9 CC (ex WRFK)
Cambridge: WFBR 94.3 PG> 4.6 kW, 367 ft.
XG: 38-37-48 / 76-03-29
Frostburg: WFWM91.7 QG to 91.9 - class B1
PG> 1.3 kW, (v)

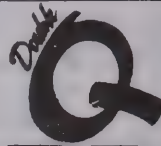
Ocean City: WRXS106.9 FC to sports // WTGM 960
Ocean City: *NS 90.7 AF (Salisbury State U)

MASSACHUSETTS:

Amherst: WFCR 88.5 NC to 13 kW, 968 ft, RE
Bernadstown: W228AZ 105.5 on // WMYX 97.3 NY
Northampton: WEIB106.3 NO-GE
Northfield: WNMH91.5 PC< 235w, -272 ft.
Westfield: W221AP92.1 on // WMYX 97.3 NY

MICHIGAN:

Detroit: WYST 97.1 FC to rock, Howard Stern
Fife Lake: *** 95.9 PA to add class A
Flint: WGRI 88.9 225w, 262 ft, DA CC (NS)
Glen Arbor: *** 93.3 PA to add class A
Holland: WAKX 96.1 FC to hot AC "Variety"
Kalamazoo: WAYK88.3 LC
Lansing: WHZZ101.7 PC< 2150w, 387 ft
XG: 42-40-33 / 84-30-00
Marshall: WWKN104.9 CC (ex WRCC), FC to
oldies "Keener 104-9" (Battle Creek)
Mio: WAVC 93.9 CC (ex WCLX)
Pinconning: *** 104.1 PA to add class A



98.1 WKQQ FM

MINNESOTA:

Belview: *** 105.9 GA to add class A
Ely: WELY 92.1 GA: to 94.5 - A
Hermantown: *NS 92.1 GA: to class C3 from A
Pine City: WCMP 92.1 GA: to 100.9 - A
Pipetstone: KISD 98.7 GX CP for 1014 ft, class C
XG: 43-53-52 / 95-56-50
St.Charles: KANP107.7 PG to 1950w, 571 ft
XG: 44-02-25 / 92-13-05

St.Louis Park: KDXL106.5 PC> 10 watts
Virginia: WIRR 90.9 PC> 21 kW, 551 ft.

MISSISSIPPI:

Drew: WOHT 95.3 PC< 2650w, 492 ft.
Durant: WKOZ101.1 CC (NS)
Flora: WXFJ 97.3 NO-RE
Sumrall: WJSJ 97.3 NO-RE

MISSOURI:

Branson: KRZK 106.3 PG> 27 kW, 659 ft, C2
Caruthersville: KLOW 105.1 FC to adult cont. (&)
Clinton: KDKD 95.3 PC> 17 kW, 397 ft
XC: 38-22-18 / 93-55-05
Cuba: KGNN 90.3 NO-RE
Ironton: KYLS 92.7 NC to 92.9, 770w, 676', GE
Kirksville: *NS 88.7 AF (Truman State)
Knob Noster: *NS 89.7 5 kW, 230 ft.
Malta Bend: KRLI 97.5 NO-GE
Marshfield: KNLM 91.9 CC (NS)

MONTANA:

Deer Lodge: KQRV96.5 CC (NS)
Kalispell: KSPL 90.9 NW, religion // KMBI 107.9
Missoula: KYSS 94.9 PC> 62 kW, 2457 ft.
Red Lodge: KMXE99.3 PC> 460w, 1158 ft,
XC: 45-11-39 / 109-20-32

NEBRASKA:

Ord: KNLV 103.9 CX CP for 4.7 kW, 377ft, C3

NEVADA:

Beatty: *** 100.3 PA to add class A
Carson City: KBYA 94.7 CC (ex KTHX)
Reno: KZSR 92.9 FC to classic hits "Hawk"

CITIZEN OF

X-VILLE
94.7 FM

NEW HAMPSHIRE:

Jaffrey: *NS 94.3 new xltr // WMYX 97.3 NY
Keene: *NS 95.5 new xltr // WMYX 97.3 NY
Manchester: WLMW 90.7 NO-GE

NEW JERSEY:

Atlantic City: WAJM88.9 PC> 150w(v), 102ft, DA
Cape May: WWCJ 89.1 CC (NS)
Newton: WNNJ103.7 FC to classic hits

NEW MEXICO:

Eunice: KYRK100.9 FC to classic rock "Magic"
 Farmington: K201DO88.1 NS-10w: KAWZ 88.9 ID
 Grants: KZNM100.7 QC from 100.9, PC> 1.7 kW
 194 ft.

Grants: KAIU 92.7 LC
 Lordsburg: KXXX 97.7 PG> 20 kW, 2007 ft, C
 XG: 32-34-57 / 108-25-29

Los Alamos: KEFE107.5 NO-RE
 Red River: KRDR 90.1 CC (NS)
 Reserve: KNMA104.5 CC (NS)
 Santa Fe: KZXA 94.7 NO-RE
 Santa Fe: KZRQ105.1 FC to dance AC

NEW YORK:

Geneva: WEOS 89.7 NC to 4 kW, 312', GE
 Mexico: WNDR103.9 NO-GE
 Noyack: WSUF 89.9 NW, news/talk/classical
 Palmyra: WZXV 99.7 PC< 2.8 kW, 485 ft.
 Queensbury: WNYQ105.7 PC< 2450w, 1036', B1
 Watertown: WFRY 97.5 CC (ex WCIZ) "Froggy"
 FC to country
 Weathersfield Twp: WNUC 107.7 PG> 18 kW, DA

97.5 CIZ FM
The Rock and Roll Authority

NORTH CAROLINA:

Biltmore Forest: WZRQ 96.5 CC (ex WZLS)
 Forest City: WTPT 93.3 CC (ex WFNQ) "The Planet"
 Lumberton: W292CK 106.3 NS-55w: WHPE 95.5 NC
 Ocracoke: WAHL 92.7 NO-RE
 Old Fort: WMXF104.3 adds Jones AC (&)
 Roanoke Rapids: WZRU 88.5 NC to 26 kW(cir) 413'
 DA, XC: 36-27-38 / 77-33-52
 Robbins: *** 103.1 GA for class A
 Salisbury: WOGF93.3 QC from 91.1, PC> 10w (cir)
 XC: 35-40-03 / 80-28-13
 Sanford: WFJA105.5 XA for 103.1 - A

NORTH DAKOTA:

Kindred: KPHT 92.7 FC to a/c (&) "Sunny 92"

OHIO:

Circleville: WAZU107.1 CC (ex WAHC), "Big Wazoo"
 Cleveland: WZAK 93.1 adds Tom Joyner
 Cleveland: WCPN 90.3 PC< 47 kW, 508 ft, DA
 Galion: WGFN102.3 CC (ex WQLX), RA
 with oldies (&)
 Ironton: WFXN107.1 CC (ex WMLV), "The Fox"
 Kent: WKSU 89.7 NC to 14.5 kW, 912 ft, RX
 Newark: WNKO101.7 FC to oldies
 Upper Arlington: WZAZ 98.9 CC(ex WLLD)
 "Channel Z" (Columbus)

OKLAHOMA:

Ada: KADA 96.7 GA: to 99.3 - A
 Ardmore: KACO 96.5 CC (ex KRXZ), RA with
 Real country (&) (plans to move to 98.5) "K-Cow"
 GA: to 98.5 - A
 Ardmore: *NS 90.3 AF (Cameron U.)
 Atoka: KHKC103.1 adds Branson country (&)
 Comanche: KDDQ 96.9 GA: to 97.1 - A
 Enid: K212EL 90.3 NS-250w: WYFG 89.3 SC
 Frederick: KYBE 95.9 PG> 6 kW, 249 ft
 XG: 34-23-30 / 99-01-51
 Stillwater: K276DZ103.1 NS-250w: KOAS 92.1

OREGON:

Astoria: KZNX 89.7 CC (NS)
 Bandon: KBDN 96.5 LC
 Bend: *** 99.7 PA to add class A
 Cave Jct: K203CI 88.5 NS-10w(v): KEAR 106.9 CA
 Corvallis: KLOO106.1 CC (ex KFAT), FC to oldies
 Lakeview: *NS 95.3 51 kW, 508 ft.
 Nyssa: KGZH 98.7 LC
 Toledo: KZUS100.7 NC to 25.5 kW, 446 ft, C, RE
 Winchester: KXLV 89.3 CC (NS)

PENNSYLVANIA:

Galeton: WCOG100.7 CC (ex WXVE)
 Harrisburg: WRBT 94.9 adds After MidNite
 CC (ex WYMJ) "Bob"
 Mansfield: *NS 92.3 800w, 643 ft.
 Mountaintop: WBHT97.1 PC> 500w

SOUTH CAROLINA:

Bluffton: WIJY 106.9 PC> 100 kW, 800 ft, C1
 XC: 32-13-36 / 80-50-53
 Hilton Head Is: WFXH 106.1 PC> 25 kW, 594 ft
 XC: 32-13-36 / 80-50-53
 Hilton Head Is: WLOW 107.9 PC< 24 kW, 725 ft
 XC: 32-13-36 / 80-50-53
 Loris: WVCO 94.9 FC to smooth jazz "Surf"
 N. Myrtle Beach: WMIW 88.9 CC (ex WAPV)
 Summerton: WLJI 95.5 LC

TENNESSEE:

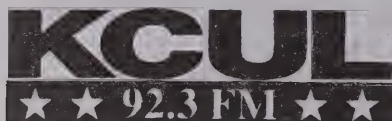
Clinton: WDVX 89.9 LC
 Dickson: WYYB 93.7 PA: CL to Kingston
 Springs, TN
 Humboldt: WLSZ105.3 FC to adult cont. (&)
 Maynardville: *NS 88.3 3 kW (h), 1489 ft.
 Memphis: KJMS101.1 FC to urban AC
 "Smooth 101"
 Sewanee: WUTS 91.3 dec. to 656 ft, class A
 XG: 35-12-23 / 85-55-04
 Woodbury: WBOZ104.9 PG> 6 kW

TEXAS:

Abilene: KHXS106.3 FC to talk
 Arlington: KWRD 94.9 CC (ex KEWS) "The Word"
 Bells: KASK 93.1 CC (NS)
 Blue Ridge: *** 99.9 XA for class A
 Borger: KASV 88.7 CC (NS)
 Bridgeport: KBOC 96.7 GA: to 98.3 - A
 Burnet: KHLB106.9 PG> 3.4 kW, 364 ft.
 Conroe: KKHT106.9 CX CP for 1899 ft, RX
 Detroit: *** 106.7 PA to add class C2
 Eagle Pass: KINL 92.7 OSA to class C3, 20 kW
 XG: 28-43-57 / 100-29-34
 Eastland: KVMX 96.7 GA: to 95.1 - A
 Farmersville: *** 92.1 GA: add class A
 Farwell: KICA 98.3 PC> 50 kW, 223', C2
 Fredericksburg: KONO 101.1 dec to 1368, CL change
 granted to Helotes, TX
 Georgetown: KNNC107.7 FC to modern
 // KROX 101.5 (Austin)
 Greenville: KIKT 93.5 PC> 9.1 kW
 Greenville: *** 99.9 XA for new class A
 Henderson: KGRI 99.9 GA: to 100.3 - A,
 CL: Tatum, TX
 Howe: KHYI 95.3 FC to Americana (Dallas)
 will retain Real Country format at night
 Huntsville: *NS 88.3 2.5 kW, 502 ft (AFA)

Texas:

Huntsville: *** 103.1 PA to add class C3
 Jacksboro: KJKB 98.3 GA: to 107.7 - A
 Jasper: KJAS 107.3 NW, adult cont. (&)
 Kenedy: KTRN 92.1 RA with Spanish contemp.
 Christian
 Lampassas: KJFK 98.9 CC (ex KUTZ)
 Laredo: KZTQ 106.1 PG> 6 kW, 174 ft.
 Lometa: KACQ 101.9 adds ABC oldies (&)
 Lufkin: KSWP 90.9 PG> 100 kW, 807', DA
 McAllen: KGBT 98.5 CC (ex KQXX)
 Marshall: KCUL 92.3 PC> 5.8 kW



Mineola: KMOO 96.7 GA: to 99.9 - A
 Mt. Enterprise: *** 99.9 GA for class A
 Nacogdoches: KJCS 103.3 inc. to 735 feet
 XG: 31-25-59 / 94-49-03
 New Boston: KZRB 103.5 PC> 50 kW, 492 ft, class C2
 XC: 33-24-54 / 94-38-10
 New Boston: *** 105.1 PA to add class A
 Palacios: KKOS 99.7 NW, a/c "Coast 99.7"
 Pilot Point: KTCY 104.9 FC pending to gospel
 Pittsburg: KXAL 103.1 PC> 6 kW,
 XC: 32-51-23 / 94-57-00
 Plainview: KKYN 103.9 NC to 25 kW, 354', C2, RE
 Plainview: KHDY 106.9 NO-RE
 Port Lavaca: KPLV 93.3 FC to Real Country (&)
 Roxton: *** 99.3 PA to add class A
 San Antonio: KROM 92.9 NC to 45 kW, 1351 ft, RE
 San Saba: KBAL 97.1 PC> 3 kW, 19 ft.
 Sherman: KXIL 104.1 CC (ex KWSM)
 Sherman: KIKM 94.7 GA: to 96.7 - C,
 CL: Flower Mound, TX
 Thorndale: *** 99.3 PA to add class A
 Waelder: *** 96.3 PA to add class A

UTAH:

St. George: KZHK 95.9 CC (ex KVYS), NW
 classic hits
 Tooele: KTLT 92.1 OSA to C3, 6.5 kW, 653'

VERMONT:

Burlington: WRUV 90.1 dec. to 131 feet
 XC: 44-28-49 / 89-29-13
 Marlboro: W295AV 99.7 on // WMYX 97.3 NY
 (was // WWAY 100.7)

VIRGINIA:

Blacksburg: WVMJ 105.3 adds Murphy
 Blackstone: WBBC 93.5 PG> 17.5 kW, 394 ft, C3
 Buena Vista: WREL 96.7 NC to 10 kW, 492 ft, B1, GE
 Christiansburg: WBNK 100.7 FC to WW1 a/c (&)
 NC to 1.6 kW, 453 ft, RE
 Danville: *NS 91.1 AF
 Farmville: WFLO 95.7 PC> 50 kW, 492 ft, DA
 XC: 37-19-35 / 78-23-09
 Harrisonburg: W234AH 94.7 NS-10w: WOTC 88.3 VA
 Martinsville: WPIM 90.5 NW, cont. Christian // WPIR
 Norfolk: WVCL 95.7 CC (ex WLTY) "Cool 95"
 Rural Retreat: WXBX 95.3 adds Murphy
 Saltville: *NS 106.1 PC> 25 kW, 305 ft, class B1

WASHINGTON:

Chehalis: *** 104.3 PA to add class A
 Longview: KLYK 105.5 PC> 6 kW, 328 ft.
 XC: 46-05-01 / 122-55-11
 Naches: *** 99.3 PA to add class A
 Naches: KZTA 96.9 NC to 290w, 1043', RE
 Nile: *NS 88.1 AF
 Seattle: KNDD 107.7 NC to 58 kW, 2342', XC, RE
 Wenatchee: KPLW 89.9 NW, cont. Christian (&)
 PLR network (/ KGTS 91.3)

WEST VIRGINIA:

Danville: WZAC 92.5 adds Branson Country (&)
 Milton: WAMX 106.3 CC (ex WFXN), FC to
 rock "X 106.3" (Huntington)

WISCONSIN:

Allouez: WJLW 106.7 NW, country
 Berlin: WISS 102.3 adds Branson country (&)
 Green Bay: WHID 88.1 NO-RE
 Madison: WSUM 91.7 CC (NS)
 Menomonie: WHWC 88.3 PC> 100 kW, 1046' DA
 class C
 Mt. Horeb: *** 106.7 PA to add class A
 Reedsburg: WBDL 102.9 NW, a/c (&)
 Seymour: WECB 104.3 NO-GE
 Siren: *** 105.7 GA for class A
 Tomah: WBOG 96.1 NC to 44 kW, 525 ft, C2, GE
 Trempealeau: WFBZ 105.5 CC (ex WKBH), FC
 to modern rock "The Buzz" (LaCrosse)
 West Salem: WKBH 100.1 CC (ex WQJY), FC
 to classic rock (&) (LaCrosse)

WYOMING:

Mills: *** 105.5 PA to add class A
 Pine Bluff: KASX 105.3 CC (NS)

U.S. TERRITORIES:
MARITIME PROVINCES:

Chalan Kanoa: KRNM 88.1 NO-RE
 Garapan: KPXH 100.3 NO-RX

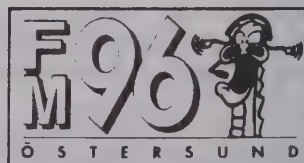
PUERTO RICO:

Culebra: WXZX 106.5 NO-RX

VIRGIN ISLANDS:

Charlotte Amalie: WVGN 105.3 PC> 15 kW, 1584 ft.
 Cruz Bay: WWKS 92.3 NW, urban AC (&)

91.8
MORE FM
 AUCKLAND





CANADA

ALBERTA:

Calgary: CKUA-1 93.7 PG> 100 kW
 Calgary: *NS 105.9 15w, for 5/31/97 ***
 Grande Prairie: CFGP97.7 FC to hot AC
 QC from 1050 khz
 Nordegg: *NS 93.9 120w, // CIBW-FM
 Rocky Mtn Home: ***94.5 appl. for NS, 720w
 to be // CIBW-FM

BRITISH COLUMBIA:

Powell River: *NS 92.5 3.72kW, // CBU 690

MANITOBA:

Portage-La-Prairie: CFRY 93.1 NW, country // AM
 W.Hawk Lake: *NS103.7 21.6w, to be tourist info
 Winnipeg: *NS 92.9 45w (N.I.B. 95.5 Cable FM)
 to be campus instructional station
 Winnipeg: *NS 106.3 15w, for 5/31/97 ***

NEW BRUNSWICK:

Fredericton: CIBX106.9 CC (ex CFNB), FC to
 hot AC "Capital FM", QC from 550 khz
 St.John: CHSJ 700 QG to 94.1, 50.4 kW
 Tobique: *NS 104.5 appl for 50w native station

NEWFOUNDLAND:

Corner Brook: CKXX1340 QG to 103.9, 47 kW

NORTHWEST TERRITORIES:

Yellowknife: CJCD1240 QG to 100.1, 400 w.

NOVA SCOTIA:

Halifax: CHFX101.9 P G < 9 1 k W
 Halifax: *NS 93.9 15w, for 5/31/97 ***

ONTARIO:

Ajax: CJKX 95.9 PC> 5110w, 328 ft., also
 applies for 99.1 Toronto, still being country
 Brampton: CIAO 530 wants 103.5 with 50kW if
 CIDC 103.5 is granted 99.1
 Burlington: CING 107.9 PG< 26.1 kW
 Cambridge:CIAM 960 wants 92.9, 560 watts
 Crystal Beach: *NS100.3 CBL relay wanted, 319 w.
 Haileybury: *NS 99.7 780w, to be // CBON 98.1
 Hamilton: *NS 101.5 160w stn (Mohawk C.) appl.
 Hawkesbury: CHPR-1 102.1 PG> 3 kW
 Kirkland Lake: *NS93.7 2650w, // CBON 98.1
 Midland: CICZ 104.1 wants 9.17 kW
 Newmarket: CKDX 88.5 PG> 500 w
 North Bay: CKFX 101.9 CC (ex CKAT), FC
 to rock "The Fox"
 Orangeville: CIDC103.5 wants PG<21.7 kW and move
 17 km E of Orangeville to Caledon Twp (closer to
 Toronto). This if their application for 99.1 doesn't
 get approved
 Orillia: CBCO105.9 wants PG> 5.2 kW if CBL
 740 is granted 99.1
 Ottawa: CHRI 99.1 CC (NS) "Christian Hit Radio"
 Ottawa: *NS 92.3 to be 0.8 W, religious
 Paris: *NS 89.1 new CBL relay, 5 kW
 Peterborough: CFFF96.3 QG to 92.7, PG> 250w
 St.Catherines: CKEY 101.1 (relay), PG> 557 w.

Ontario:

Sturgeon Falls: *NS 93.5 new temp 50 watt station
 for June 21-22, 1997
 Sudbury: *NS 99.5 relig. music wanted, 35 w.
 Toronto: *NS 99.1 many applications for this
 spot: urban, easy listening/nostalgia, dance CHR,
 CIDC 103.5, new adult pop/world music, CISS
 92.5, dance music, and CBL 740 all applying.
 Most are in the 40 kW range.
 Wawa: CJWA107.1 FC to a/c // CFNO 93.1
 Welland: CHOW1470 wants 91.7, 27,420 watts

QUÉBEC:

Alma: CKYK 95.5 move to 95.7 - 100 kW denied
 Drummondville: CHRD 1400 QG to 105.3, 3 kW
 Hull: *NS 92.3 to be religious, 0.8 W (this is
 a separate station from the Ottawa 92.3 grant, and
 this one must not cause any interference to that
 station)
 LaSarre: *NS 103.9 264w. to // CHOA 96.5
 LaSarre: CKLS 1240 QG to 102.1, 4130w
 LaTuque: *NS 94.1 appl for 0.8w FF religious stn
 Montmagny: *NS 91.1 appl for 0.6w FF religious stn
 Mont-Tremblant: ***92.9 appl for 559w CIME relay
 Montréal: *NS 99.5 8.7 kW, appl., pending CIME
 move to 103.9, this stn would be classical
 Montréal: *NS 95.1 many applicants for this new
 channel, from 19.5 to 40 kW, including CBM 940,
 CKVL 850, CIBL 101.5, and for a country format
 Montréal: *NS 88.5 appl for 4.04 kW to replace
 CBM 940 if they don't get 95.1
 Québec City: *NS 106.3 appl for 20 kW to replace
 CBV 980 (CBC)
 Rimouski: CFLP 1000 move to 102.9,
 33.6 kW denied
 Sacre Coeur: *NS 99.7 24.4w, appl for
 FF religious stn
 St-Donat: *NS 105.1 appl for 250w, // 97.3 below
 Ste-Adele: *NS 103.9 630w, appl for // CIME 99.5
 Ste-Agathe-des-Monts: *NS 97.3 245w appl
 Ste-Jovite: *NS 96.3 appl for 4 kW, also would
 want two low power relays
 Shawinigan: *NS 96.5 19 kW appl DENIED
 Sherbrooke: *NS 89.7 this freq. denied for new
 CIRA 91.3 relay, must find new frequency
 Thetford Mines: CFJO 103.3 QG to 97.3, 100 kW
 Trois-Pistoles: *NS93.9 appl for 229w // CJFP 103.7
 Trois-Rivières: *NS89.1 250w appl by U. Quebec

** These applications are for the nationwide "March
 For Jesus" to be held May 31, 1997, and these
 stations will only operate on that day (similar to last
 year)





MÉXICO

DISTRITO FEDERAL:

Mexico City: XEW 96.9 SG "WFM"

Mexico City: XHB 98.5 SG "Radioactivo"

Mexico City: XHRCA 91.3 SG "Alfa"

GUANAJUATO:

Leon: XH?? 101.5 SG "Digital Extasis"

JALISCO:

Guadalajara: XHAV100.3 SG "Pirate Radio"

MORELOS:

Cuernavaca: XHCVC 106.9 SG "Stereo 7"

Cuernavaca: XHLM96.5 SG "Stereo Mundo"

SAN LUIS POTOSI:

San Luis Potosi: XHPM 100.1 SG "Estereo Rey"

San Luis Potosi: XHOD 96.9 SG "FM Globo"

• Thanks once again to M Street Journal for another great year of cooperation with WTFDA. Their contribution to this column provides a great majority of the items listed above. We appreciate your support! Also, this month Doug Smith provided a great deal of Canadian information: thank you! Others that should be thanked this month for sending in items are: Chip Kelley, Fernando Garcia, Neil Griffin, Mike Bugaj, and Eric Bueneman. Thanks!

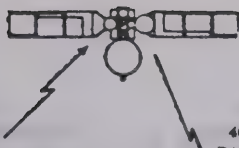
• Regarding the call change to WZRQ Biltmore Forest, N.C., that license was originally stripped from Orion Communications, and the station taken off the air, because that group put the station on the air without FCC authority. The Commission will now decide the new owner. In the interim, the group controlling WZRQ is a consortium of original applicants who had competed with Orion. In Liberal, KS, Mario Loreda successfully fought to prevent the CP for KZQD 105.1 from being revoked. He had erroneously stated that he was a U.S. Citizen on the application, but claimed he misunderstood the question to be asking for the legal country of residence, which the U.S. has been since 1970. Since Loreda alerted the FCC of the error quickly, and he became a U.S. citizen in December 1995, the CP for KZQD has been re-instated. • Mike Bugaj checks in this month with some information on pirates in Connecticut. There is a 105.3 in the Bloomfield area of Hartford (first day of operation was November 23), with the calls WPRZ used on occasion, featuring mostly gospel and preaching. This pirate actually solicited advertising and gave a Bloomfield address. They were heard as far away as Longmeadow, Mass. so they could be at least 10 to 20 watts. Their signal covers parts of Bloomfield, Windsor and

Hartford very nicely. WTIC-61 reported on their 10pm news that the FCC had caught this pirate, but as of January 20th, Mike still notes them on the air. And this is the first time I have ever seen this: Mike also sends along an editorial from the January 22nd Hartford Courant criticizes the station, despite good intentions, and criticizes the FCC for not making it its higher priority. Another pirate heard in November by both Mike & Bill Nollan is "WXRQ serving western and central CT", on 92.9. Bill heard them around Waterbury. That is 50 miles from Mike's QTH, so this one must have decent power. Programming was in a language unfamiliar to Mike, with English IDs. Mike also sent some other Connecticut station news - thanks! There is a further update on this story in the February 5 *M Street Journal*. The FCC's New England Field office is now investigating the 105.3 pirate, now on the air for ten weeks. The station is indeed operated in Bloomfield, CT by Mark Blake, who stands by his station and refuses to shut it down. There have been no complaints of interference to other stations, but a number of stations have complained about losing advertising to the pirate station, since the station does indeed air ads. Blake faces a fine of up to \$100,000 for every day he continues to operate. • Doug Smith reports that there will be a public hearing on April 14, 1997, to consider what to do with a new FM service in Toronto (I imagine the 99.1 spot vacated by CKO-gc). It will be held at the Holiday Inn, 370 King Street West. There will be further information in the February 1997 CRTC Notice of Public Hearings. See much more on proposed changes in Southern Ontario in the Canadian section above.. including MANY applications for the vacant 99.1 spot in Toronto, which would also cause other stations to switch frequencies, so look carefully, cause it is confusing this month! Note that some applications for new frequencies in Canada are identified by the format that they are applying to operate with.

• *M Street Journal* reports in their 2/5/97 issue that the CRTC may soon lift the twenty-year old ban on CHR on FM in Canada. The limits on the percentage of "hit" music that could be played on Canadian FM stations was originally put in place to protect AM CHR stations from the new FM competition, but the relatively few AM CHR stations remaining in Canada may no longer justify the rule, according to the CRTC. The rule now may be preventing FM stations from filling in a programming niche.



SATELLITE NEWS



GEORGE W JENSEN
4604 ANNTANA AVENUE
BALTIMORE MD 21206-4220

^{LATE}
BULLETIN:- Though a little when publishing schedules are considered, but here goes. Telstar 401 fails----
Sometime during the early morning hours of Saturday, January 11th - this satellite went black. At this writing, the reasons are unknown. This has forced several major network systems to scramble for new satellites and transponders. The bird is only 3 years old - launched on 12.14.93 and a C and Ku-Band powerhouse. Those networks affected are ABC, PBS, FOX, and UPN. Also several major feed syndicators such as Keystone which does Entertainment Tonight and Deep Space Nine.

Keystone and UPN are at this moment utilizing Galaxy 4 Transponders 10 and 22. This is subject to great change. PBS had been noted on Telstar 402 on K-Band. Fox has been gradually shifting to Telstar 402 for sometime, thus the move must now, by necessity be completed. ABC feeds seem to have migrated to several satellites - no particular one at this writing.

At this point. it would be fruitless to continue with the usual satellite transponder report that has been on-going to point, but would be best to wait until things settle-down before proceeding. Though, much of those already reported will probably remain basically unchanged since they are mostly satellite programming satellites.

Also noted has been the reactivation of the old AT&T Telstars 302 at 85 West and 303 at about 119 West. Let's see what happens here.

More on all of this in the next column.

See you in 30.

Bruce

PUBLISHER'S NOTES:

MY APOLOGIES for those recent late VUD editions. We hope to be back on track soon. January's edition was indeed a victim of adverse weather, with snow making it impossible for the publishing crew to get together on the planned weekend. In a classic example of how one late VUD leads to another, several editors had to have their February copy deadlines extended, due to both the two-week delay of the January edition, as well as travel conflicts and illness. Most of us will not miss the infamous Winter of '97, which hasn't exactly distinguished itself for great VHF and UHF DX conditions, either!

COLUMN NEWS...SOUTHERN FM DX conductor Danny Buntin will be stepping down as editor of that VUD section. A big thanks is owed to Danny--again! This was actually his second stint as SFM editor during the past two decades! We expect to have word on a replacement for him in the next issue. Some of the other sections expected for this month have not arrived, no doubt related to the lack of activity at this time of the year, otherwise known as the dreaded "DX doldrums" at VHF and UHF.

FM ATLAS 17 IS COMING! Dr. Bruce Elving's famous FM ATLAS has a new edition on the way. Bruce is recovering from recent heart surgery, but never one to keep a little matter like that slow things down, he sent the latest edition off to the printer just before going to the hospital. We're glad to say that Bruce is now at home now doing well. Here's to a speedy recovery to the man responsible for one of the best DXing references anywhere! Info on ordering an ATLAS directly from the publisher can be obtained from: FM ATLAS, P.O. Box 336, Esko MN 55733-0336.

THANKS to Greg Coniglio for much of our recent VUD cover material, including that nifty annual "collage" effort on January's cover. And we also have some great maps to come from Greg, and also some from Bruce Elving's extensive collection.

--Bill Thompson

PH TO-NEWS

Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

March 1997

Yes, I've finally joined the Net! I bought a new computer in January, so now I can do my column at home. Hopefully, I can jazz it up a little, too. For those of you who haven't experienced the Internet yet, I highly recommend it. There are lots of DX aids out there (including station logos, see next page). My e-mail address is listed at the top. Please feel free to drop me a line. Many thanks to regular contributor Bill Eckberg for this month's photos.

Bill Eckberg, Dixon, IL:

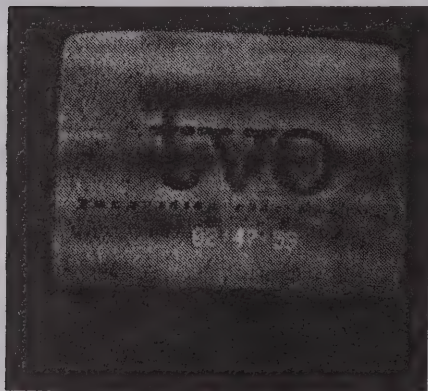
Equipment:

VHF - 1966 Zenith 14N22 23" B/W TV with C.M. 1110 @41'.

UHF - 1990 Zenith AC-DC 9" color TV w/C.M. screened 7' dish @53' and RDX Labs UA-900 preamp. Jerrold CAC11 cable. Rohn 48' crankup tower.



The screened 7' dish w/ "cat whiskers" at ground level; amp (not visible) is the RDX Labs UA-900 low-noise version



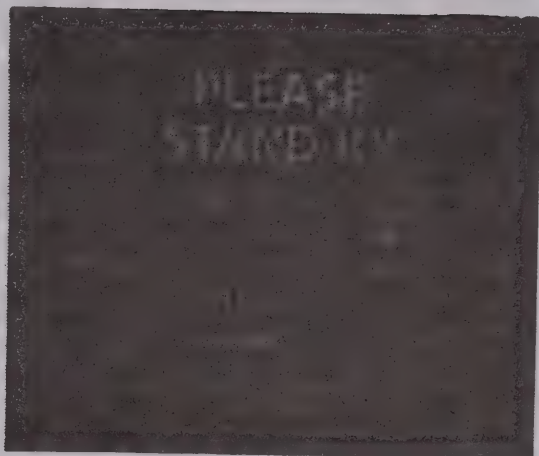
CICA-19 Toronto, ON
514 mi Tr seen 8/21/95
@0248 CDT



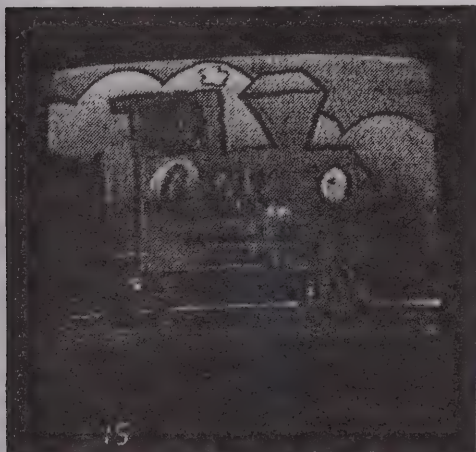
Bill's 7' dish cranked up to its full 53' height!



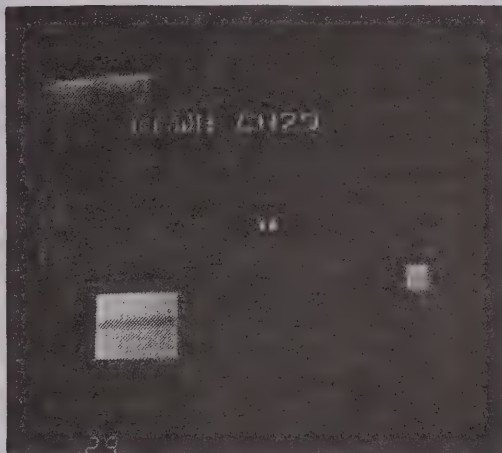
W69BT South Bend, IN
162 mi Tr seen 8/96
"now xltr WBND-LP 58"
But why still show W69BT calls? -jtk



CBHT-3 Halifax, NS
1272 mi Es seen 8/6/96
@1720 CDT
"xmtr problems"

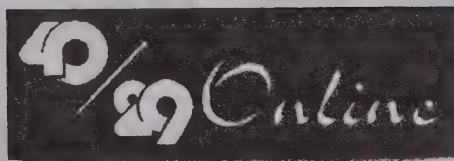


KSMQ-15 Austin, MN
220 mi Tr seen 8/96
"QTV"

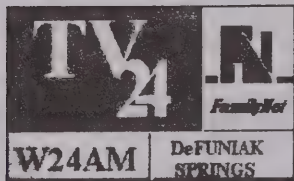


K29CF Kansas City, MO
323 mi Tr seen 9/11/96
@0045 CDT
"KCWB fake calls, testing"

From US TV Online:



KHBS/KHOG
Fort Smith, AR / Fayetteville, AR



SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

And finally, from your SFM editor with this special announcement: With my interest in FM DXing on the wane in the last year, largely due to "DXer burnout", I am contemplating resigning from SFM soon.

FM DX QUIET IN MOST RECENT MONTHS

Doug Smith (W9WT), 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

Equipt.: Technics ST-G50 tuner, modified for 110KHz IF. Large Radio Shack VHF-TV antenna at 15 ft.

12/12 tr 450
2356 KYFS 102.1 MO Kansas City, "KY-102", rps\$
unID 103.9? "Solid Gospel"//local 104.9
&105.1

12/13 tr 348
0811 KWFC 89.1 MO Springfield. loc.t, kg\$
0820 WJPS 93.5 IN Chandler, cal, o\$ 113
0826 KSPQ 93.9 MO West Plains, found dog
report, "Q94" 270
0828 KOLL 94.9 AR Maumelle, "Cool 95" 319
0845[WJZ]101.1 KY Russellville,note #1 20
(I'm probably going to stop reporting KOLL;
it looks like it's a trscatter reg. here.)

12/13 tr
0935 KCBT 90.9 TX Dallas, call ID 620

Note +1: ex-WJCE-FM. Temporarily with all Christmas music until 12/28, when it adopted a easy jazz format. I guess it's the 90's answer to easy listening...

Note +2: Car radio DX, all within one mile of TN. Hyw. 255 just west of Ashland City. This is about 8 miles from my home, so counts for the Pleasant View log. Never imagined I'd log four stations on the same frequency in one minute, especially on the car radio! WJCE and WFTZ are usually buried by WTPR.

Larry Fussell, P. O. Box 280, Brewton, AL 36426

Equipt.: DynaLab FT-101A Tuner, IF filter modified, DynaLab signal sleuth preamp, Antenna performance Specialties (APS1)at 30, Bolin Phase

7/18 tr(time GMT)
1422 92.7 WJBB AL Haleyville 218 3kw
7/26 tr
6:27 95.1 WAPE FL Jacksonville 325
7/29 (all tr unless otherwise indicated)
6:56 96.5 WJCL GA Savannah 358
7:00 99.5 WQYX FL St. Petersburg 355
9:41 88.3 WAFR MS Tupelo 238
7/31
6:16 95.3 WJYF GA Tipton 211 9700 wts.
8/7
1847 99.1 WAHR AL Huntsville 251
8/17
1602 107.9 WCFA MS Ackerman 195
9/5
8:19 97.9 WIBB GA Macon 234 10.5 kw
9/8
8:20 96.7 WFFF MS Columbia 170 750wts
9/19 12:53 96.7 WSEL MS Pontotoc 244 1.4kw
9/22 2333 101.1 WAFB GA Baldosta 225
9/24 1406 96.5 WOOD Chattanooga 290
10/2 1142 103.3 WKJN Baton Rouge La 250
10/2 1437 104.5 WGPC Albany GA 174
10/7 1541 96.3 WHLS Blythville, AR 371
10/9 1916 937 XEJP Distrito Federal,
Mexico City,MEX 60.5 kw, 1100 miles

12/28 tr
0949 KTCS 99.9 AR Fort Smith, loc.ad 435
0951 KTXR 101.3 MO Springfield, loc.ads 435
0955[KKLH]104.7 MO Marshfield, legal ID,
ex-KTOZ; op\$ 327
0956 KZNN 105.3 MO Rolla, cal, 276
1000 WJZC 101.1 KY Russellville, note #1 20
1/1 tr
1043 WHRS 91.7 TN Cookeville, dual ID w/WPLW
90.3,new t air,good for only 500 watts! 91
1/2 tr (note #2) 82
1125 WJFB 101.5 TN Celina, country mono and a
ad for Gainesboro hospital & area businesses
WFTZ 101.5 TN Manchester, local ad 86
[WTPR]101.5 TN McKinnon, calls, ex-WIWL 49
WKKG 101.5 IN Columbus, "IN Country",calls202

Christmas music until 12/28, when it adopted

10/17 1815 96.5 WJLL Savannah 358
10/18 1810 94.7 WDEL Americus GA 184 25 kw
10/18 1553 89.7 WDOO Macon 234
10/21 2326 94.7 WITYX Jackson, MS Arrow 202
10/23 1316 91.1 WKNO Memphis Tn 327
10/30 2019 96.5 WHTQ Orlando FL Q-96 385
10/30 2035 96.5 Arcadia, LA Cool 96.5 357
No Id in FM Atlas
10/30 2310 96.7 WVMG Cochran GA 235 6kw
10/31 0618 96.3 WJYF Valdosta, GA 225 9.7kw
11/6 1623 10.3 KLRZ Houma, LA 242
11/14 1640 97.1 WFOX Gainsville, GA 289
11/15 6:10 101.7 WYDA Graceville 93, 3kw
11/15 1615 103.9 WACR Columbus, MS 183,50kw
11/16 7:30 105.3 WWZQ Aberdeen, MS 206 3kw
11/19 1235 92.7 WEYY Talladega, AL 170,.4kw
1305 92.7 WQUK Clinton, LA 235
11/26 6:20 102.1 WTUX Meridian, MS 129,1.1kw
12/4 2000 96.7 KFXV Morgan City,LA 265 1.65kw
12/4 9:35 96.5 KVKI Shreveport, LA 404
12/4 1640 95.3 WFFN Jasper, AL 188, 2kw



Pat Dyer, WA5IYX, 5315 Silvertip Dr., San Antonio, TX 78228-2744

continued from last month.....

86-21-96:			1346 KBZN	97.9	UT	OSDEN (area ad)	1133
1327 KZHT	94.9	UT	1348 KUBL	93.3	UT	SALT LAKE CITY (area ad)	1087
1328 KISZ	97.9	CO	1487 KLZY	92.5	WY	POWELL (area nx)	1187
1331 KXPX	96.5	CO	1489 KVOD	92.5	CO	GREELEY (ID)	847
1334 KAK	93.9	WY	1417 KUMT	105.7	UT	CENTERVILLE ("The Mountain")	1087
			1423 KKMV	92.5	ID	RUPERT ("The Cat")	1235

SOUTHERN FM DX

6/21 Es

1424 KSOP-	104.3	UT	SALT LAKE CITY (state nx)	1087
1436 KZGL	95.9	AZ	COTTONWOOD (ID)	868
1441 KRCY	105.9	AZ	KINGMAN (area nx;"Crazy Radio")	996
1447 KVMM-	93.5	AZ	SHOW LOW (local ad)	746
1456 KKOR	94.5	NM	GALLUP (local ad)	697
1905 KIQZ	92.7	WY	RAWLINS (local ad)	976
1912 KRAI-	93.7	CO	CRAIG (ID)	919
1919 KMTN	96.9	WY	JACKSON (local ad)	1175

06-22-96:

2327 KBZN	97.9	UT	OGDEN (jz;"The Breeze")	1133
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06-27-96:

1054 WZRK	93.5	MI	HANCOCK (area ads;Limbaugh)	1329
1103 WOZZ	93.5	MI	NEW LONDON (area ads)	1176
1106 WRJD	94.5	MI	EAGLE RIVER (local ad)	1255
1152 WBCM	93.5	MI	BOYNE CITY (area ad)	1309
1202 WAIR	92.5	MI	GALLANT (ID)	1323
1207 WNIJ	96.9	IL	ZION (cx)	1078
1211 WZTR	95.7	WI	MILWAUKEE (ID)	1110
1214 WJQJ-	92.5	WI	TOMAHAWK (ID)	1206
1214 WJPD	92.3	MI	ISHPEMING (ID)	1319
1238 WOLV	97.7	MI	HOUGHTON (WCCY ID)	1332

06-30-96:

1125 WHLZ	92.5	SC	MANNING (k;area ad;"Wheels 92.5")	1128
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07-01-96:

1421 XHSD-	92.5	NL	MONTERREY (tr; local ad)	282
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07-02-96:

1004 WYFQ	93.5	NC	MADESBORO (ID)	1134
1020 WFAE	90.7	NC	CHARLOTTE (ID)	1115

07-07-96:

0916 WCOL-	92.3	OH	COLUMBUS (k;area ID)	1139
1009 WBTQ	93.5	WV	BUCKHANNON (ID)	1233

07-08-96:

0951 WKLB	94.5	MI	HOLLAND (ID)	1158
0954 WLAV	96.9	MI	GRAND RAPIDS ("LAV")	1102
0954 WJIO	92.5	IL	URBANA (ID)	938
0957 WYCA	92.3	IN	HAMMOND (rel)	1042
1437 W6KS	96.9	KY	PARIS ("Kiss FM")	1010
1439 WKBL-	93.5	TN	COVINGTON (ID)	670
1440 WMYL	94.5	KY	LEXINGTON ("Mix 94.5")	1005
1440 WBYV	96.5	OH	HAMILTON ("Y-96")	1058
1448 WLQT	99.9	OH	KETTERING (area wx)	1080
1451 WHLZ	92.5	SC	MANNING (area ads;ID)	1128
1454 WFRB-	93.7	SC	GREENVILLE (local tfc rpt)	1009
1456 WDDO-	96.5	TN	CHATTANOOGA (k;"DOD")	867
1505 WTKQ	94.9	TN	GREENEVILLE (ID)	1027
1531 WFSJ	97.9	FL	ST. AUGUSTINE (ID)	1035
1542 WQFW	95.7	GA	VALDOSTA (area ad)	917

07-09-96:

0805 WAGN	93.5	OH	BOWLING GREEN (ID)	1175
0806 WVKs	92.5	OH	TOLEDO (local ad)	1181
0810 CIMX	88.7	ON	WINDSOR ("89-X")	1238
1016 WTRD	96.9	NC	STATESVILLE (ID)	1061

07-10-96:

1309 FLZY	92.5	WY	POWELL ("Z-92"; local ad)	1107
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07-11-96:

0937 KLYS	95.3	SD	PIERRE (oldies;"Concert 95")	1033
0941 KODY	94.5	ND	BISMARCK (local ad;"KQ-94")	1211
1000 KEYZ	96.5	ND	BISMARCK (local ads)	1107

Dyer, cont.

MARCH 1997

07-12-96:

1800 WVKs	92.5	OH	TOLEDO ("Kiss FM")	1181
1805 WKKD-	95.9	IL	AURORA (area ad)	1026
1825 WBCM	93.5	MI	BOYNE CITY (TCM net)	1309
1846 WVIC	94.9	MI	EAST LANSING (local ads)	1196
1851 WKHY	93.5	IN	LAFAYETTE (local ad)	990
1851 WHMI-	93.5	MI	HOWELL (area ad)	1220
1855 WKZC	94.9	MI	SCOTTVILLE ("Z-95")	1200
1855 WCMW	103.9	MI	HARBOR SPRINGS (ethnic wx)	1329
1855 WZTR	95.7	WI	MILWAUKEE (ID)	1110
1914 WBTQ	93.5	WV	BUCKHANNON (area ad;Pirates BB)	1233
1915 WLAV	96.9	MI	GRAND RAPIDS ("LAV")	1102
1919 WTNJ-	105.9	WV	MOUNT HOPE (ID)	1153
1937 WXRQ	95.3	MI	BEAVER DAM (ID)	1106
1940 KKMI	93.5	IA	BURLINGTON (ID)	889
1954 WHLZ	92.5	SC	MANNING ("Wheels")	1128
2038 WZLR	95.3	OH	XENIA ("Cool 95")	1000
2041 WNCI	97.9	OH	COLUMBUS (ID)	1140
2043 WMYL	94.5	KY	LEXINGTON ("Mix-94.5";local ad)	1005
2045 WSAC	92.3	KY	LOUISA (ID)	1092

07-15-96:

1725 WLRT	95.7	MI	GRAND RAPIDS (local ad)	1176
1726 WBRD-	97.9	MI	GRAND RAPIDS ("BRD")	1166
1729 WYCA	92.3	IN	HAMMOND (ID)	1042
1729 WLAV	96.9	MI	GRAND RAPIDS (ID)	1102
1732 WMUK	102.1	MI	KALAMAZOO (cx)	1151
1734 WSMI-	106.1	IL	LITCHFIELD (local ad)	946
1738 WOOD-	105.7	MI	GRAND RAPIDS ("EZ-105.7")	1165
1739 WCBW	104.9	IL	COLUMBIA ("The Bridge";area ads)	787
1740 WVVX	103.1	IL	HIGHLAND PARK (ethnic)	1061
1741 WQJO	105.1	IL	EVANSTON (Sp.)	1053
1742 WHZT	105.9	IL	MAHOMET ("Z-Rock")	942
1744 IIKK	100.7	IL	KANKAKEE (ILS - Morse tone ident)	1003
1745 WDDJ	107.3	MI	GREENVILLE (ID)	1107
1750 WAOR	95.3	MI	NILES (ID)	1094
1754 WJSZ	92.5	MI	ASHLEY (area ad)	1227
1755 WLQI	97.7	IN	RENSSELAER (area ad)	1021
1757 WKID	92.5	IL	URBANA (ID)	938
1823 WVMV	98.7	MI	DETROIT ("Smooth Jazz V-96")	1237
1824 WMMC	105.9	IL	MARSHALL ("Magic 106")	917
1904 WYXP	97.9	IN	ANDERSON (ID)	1031

07-19-96:

1430 WCOM	92.5	FL	KEY WEST ("Wow-92.5")	1099
1435 WCOM-	92.3	FL	HIALEAH (local ad)	1152
1437 WRMF	97.9	FL	PALM BEACH (area ad)	1134
1437 WARD	94.5	FL	NAPLES ("Arrow")	1051
1441 WPOW	96.5	FL	MIAMI ("Power 96")	1147
1443 WEDR	99.1	FL	MIAMI (area ad)	1147
1444 WGGQ	92.1	FL	IMMOKALEE (EL;area ads)	1074
1444 WTHI	93.1	FL	MIAMI (cx)	1147
1446 WKIS	99.9	FL	BOCA RATON ("Kiss Country")	1149
1447 WKRY	93.5	FL	KEY WEST ("Key-93")	1097
1448 WWRM	94.9	FL	TAMPA ("Warm")	996
1448 WLVE	93.9	FL	MIAMI BEACH ("Love-94")	1147
1451 WFLZ	93.3	FL	TAMPA ("FLZ")	994
1453 WCVV	95.5	FL	FORT PIERCE (area ads)	1117
1457 WZTR	92.7	FL	STUART (area tfc rpt)	1120
1500 WSVF	107.9	FL	KEY WEST (Sp.;ID)	1101
1503 WOLL	94.3	FL	RIVIERA BEACH (area ads)	1140
1504 WAVK	106.3	FL	MARATHON (area nx)	1126
1505 WMTX-	95.7	FL	CLEARWATER ("Mix 96")	972
1506 WTPS	100.7	FL	MIDWAY ("Kiss")	859
1508 WBBE	94.7	FL	GIFFORD ("B-94")	1106
1511 WXTB	97.9	FL	CLEARWATER ("90-Rock")	968
1533 WMCU	89.7	FL	MIAMI (ID)	1140
1535 WNOG-	93.5	FL	NAPLES (talk)	1054
1536 WZMQ	102.9	FL	KEY LARGO (area ad)	1152
1538 WLYF	101.5	FL	MIAMI ("Lite FM")	1147
1539 WYUU	92.5	FL	SAFETY HARBOR (area ad)	961

SOUTHERN FM Dx

1542	WGUF	98.9	FL	MARCO (area ad)	1063
1549	WHL6	102.3	FL	JENSEN BEACH (area ads)	1123
1553	WXDJ	95.7	FL	HOMESTEAD (Sp.;area ads)	1140
1558	WFKZ	103.1	FL	PLANTATION KEY ("Sun-103")	1149
1601	WINK-	96.9	FL	FORT MYERS (ID)	1039
1612	WOLZ	95.3	FL	FORT MYERS (ID)	1021
1619	WB66-	105.9	FL	FORT LAUDERDALE (area ads)	1149
1622	WHOT	105.1	FL	CORAL GABLES (area ad)	1147
1628	WZTA	94.9	FL	MIAMI BEACH (area tfc rpt)	1148
1648	WNMG	93.5	IN	HARTFORD CITY ("3WD")	1059
1649	WXXP	97.9	IN	ANDERSON (ID)	1031
1649	WLBC-	104.1	IN	MUNCIE (ID)	1049
1657	WAAG	94.9	IL	SALESBURG (local ad;"FM-95")	917
1700	KICK	97.9	MO	PALMYRA (area ad;"Kick FM")	816
1703	WXTI	94.5	MI	MILWAUKEE (area ad)	1110
1705	KNWR	95.7	MO	MEXICO (area wx and ads)	770
1714	KMAQ-	95.3	IA	MAQUOKETA (ID)	977
1719	KSDM	96.5	IA	AUDUBON (area ad)	853
1720	WTRS	102.3	FL	DUNNELLON (area ad)	982
1722	WQOM	106.3	WI	MIDDLETON (area ad)	1064
1850	XHRM	92.5	BCN	TIJUANA (area ad)	1111
1856	XETRA-	91.1	BCN	TIJUANA ("91-X";r)	1112
1900	KBTZ	94.9	CA	SAN DIEGO ("K-Best 95")	1124
1910	XHTZ	90.3	BCN	TIJUANA (area ad)	1112
1911	KXXY	96.5	CA	SAN DIEGO ("Kixy")	1124
1912	KFMB-	100.7	CA	SAN DIEGO (area tfc rpt)	1124
1915	KIFM	98.1	CA	SAN DIEGO (area tfc rpt)	1124
2044	KJZZ	91.5	AZ	PHOENIX (local "ad")	836

07-20-96:

0903	WMCU	89.7	FL	MIAMI (local "ad")	1140
0920	WKRY	93.5	FL	KEY WEST (local ad)	1087
0954	WYOU	92.5	FL	SAFETY HARBOR (area ad)	961
1016	WEDW	92.5	FL	KEY WEST ("Now-92.5")	1099
1120	XHRM	92.5	BCN	TIJUANA ("The Flash")	1111
1122	KBTZ	94.9	CA	SAN DIEGO (local ad)	1124
1123	KWST	94.5	CA	BRANLEY ("K-West")	1026
1125	KFMB-	100.7	CA	SAN DIEGO (E-mail adr')	1124
1126	KUPR	95.7	CA	CARLSBAD (area ad)	1126
1129	KFOX	93.5	CA	REDONDO BEACH (Korean)	1197
1132	KKBT	92.3	CA	LOS ANGELES ("The Beat")	1186
1133	KLCX	102.3	CA	INDIO (ID)	1077
1134	KLAX	97.9	CA	LONG BEACH (Sp.;area ad)	1186
1140	KDB	93.7	CA	SANTA BARBARA (cx)	1279
1141	KCLB-	93.7	CA	COACHELLA (ID)	1077
1156	KLXX	93.5	CA	ROSAMOND (area ad)	1199
1158	KPFK	90.7	CA	LOS ANGELES (ID)	1186
1242	KZON	101.5	AZ	PHOENIX ("The Zone")	836
1242	KKLT	98.7	AZ	PHOENIX (local ad)	836
1243	KCHT	96.9	AZ	PHOENIX (area ad)	836
1246	KKFR	92.3	AZ	GLENDALE (local ad)	836
1250	KVMM-	93.5	AZ	SHOW LOW (local ad)	746
1252	KQIP	96.9	TX	ODESSA (tr;area ad)	284
1253	KRFM	96.5	AZ	SHOW LOW (ID)	741
1259	KILA	90.5	NV	LAS VEGAS (ID)	1052
1312	KSSD	92.5	UT	CEDAR CITY (k;ID)	1018

07-21-96:

1120	XHMMF	92.3	BCN	MEXICALI (town ID)	1019
1129	KOOL-	94.5	AZ	PHOENIX (ID)	836
1129	KUPD	97.9	AZ	TEMPE (AZ ID)	836
1141	KOMP	92.3	NV	LAS VEGAS (ID)	1053
1145	KZGL	95.9	AZ	COTTONWOOD (ID)	868
1146	KMBN	93.9	AZ	FLAGSTAFF ("The Mountain")	843
1148	KVMM-	93.5	AZ	SHOW LOW (area ad)	746
1339	KLZY	92.5	WY	POWELL (local wx)	1187

07-24-96:

1524	WCLR	95.7	OH	PIQUA (area ad)	1095
1526	WATR	92.5	MI	ATLANTA (area ad;ID)	1323
1532	WLHT	95.7	MI	GRAND RAPIDS ("Lite Rock")	1176
26	WNIZ	96.9	IL	ZION (cx)	1078

Dyer, cont.

1559	WBCM	93.5	MI	BOYNE CITY (TCM net)	1309
1605	WXTI	94.5	MI	MILWAUKEE (ID)	1110
1606	WZTR	95.7	MI	MILWAUKEE (ID)	1110

07-25-96:

1110	KKDK	95.7	MN	MORRIS (ID)	1123
1112	KJJK-	96.5	MN	FERGUS FALLS (local ad)	1166
1115	WDAY-	93.7	ND	FARGO (area ad)	1213

07-26-96:

1016	WATR	92.5	MI	ATLANTA (ID)	1323
1020	WBCM	93.5	MI	BOYNE CITY (TCM net)	1309
1023	WLHT	95.7	MI	GRAND RAPIDS (ID)	1176

(07-26-96):

1023	WNIZ	96.9	IL	ZION (cx)	1078
1025	WKOT	96.5	IL	MARSEILLES (local ad)	983
1032	WBFM	105.1	MI	CHEBOYGAN (area ad)	1342
1037	WKHQ-	105.9	MI	CHARLEVOIX (area ad)	1309
1038	WCMW	103.9	MI	HARBOR SPRINGS (cx)	1329
1041	WKLH	96.5	WI	MILWAUKEE ("KLH")	1110
1041	WXTI	94.5	WI	MILWAUKEE (ID)	1110
1043	WZTR	95.7	WI	MILWAUKEE (ID)	1110
1051	WAUN	92.7	WI	KENAUWEE (area ads)	1199
1052	WYRO	95.3	WI	BEAVER DAM (area ad)	1106
1055	WJZR	93.7	WI	SHEBOYGAN (local wx)	1152
1058	WBWI	92.5	WI	WEST BEND (area ads)	1118

08-02-96:

1436	WZOE	97.9	KY	HYDEN (area ad)	1036
1443	WSAC	92.3	KY	LOUISA (ID)	1092
1451	WMRY	97.7	MI	BEAVERTON (ID)	1259
1452	WLAV	96.9	MI	GRAND RAPIDS ("97-LAV")	1182
1452	WKLQ	94.5	MI	HOLLAND ("KLO")	1150
1455	WCXF	95.3	MI	CLARE ("CFX";area psa)	1243
1451	WGRD-	97.9	MI	GRAND RAPIDS ("GRD")	1166
1459	WBEZ	91.5	IL	CHICAGO (local tfr rpt)	1053
1501	WLHT	95.7	MI	GRAND RAPIDS (ID)	1176
1509	WYCA	92.3	IN	HAMMOND (rel;ID)	1042
1511	WUPS	98.5	MI	HOUGHTON LAKE ("UPS")	1273
1541	WBCM	93.5	MI	BOYNE CITY (TCM net)	1309
1542	WCBR-	92.7	IL	ARLINGTON HEIGHTS ("The Bear")	1054
1542	WRKX	95.3	IL	OTTAWA (local ad)	986
1547	WNIZ	96.9	IL	ZION (cx)	1078
1551	WKZW	94.3	IL	CHILLICOTHE (ID)	936
1552	WKZC	94.9	MI	SCOTTVILLE (local ad)	1208
1554	WDEK	92.5	IL	DE KALB ("DEK")	1017
1555	WZTR	95.7	MI	MILWAUKEE (ID)	1110
1600	WXTI	94.5	MI	MILWAUKEE ("KTI")	1110
1844	KITN	93.5	MN	WORTHINGTON (ID)	987
1854	KQAA	94.9	SD	ABERDEEN ("Cool 95")	1080
1902	KPRJ	91.5	ND	JAMESTOWN (ND net ID)	1194

08-04-96:

0100	WCKW-	92.3	LA	LA PLACE (tr;ID)	473
0102	KROF-	105.1	LA	ABBEVILLE (tr;ID)	389
0111	WYNK-	101.5	LA	BATON ROUGE (tr;ID)	441
0118	W66Z	98.1	LA	BATON ROUGE (tr;"Eagle 98.1")	446
0149	KZMZ	96.9	LA	ALEXANDRIA (tr;local wx)	379
0154	KVOL-	105.9	LA	OPELOUSAS (tr;ID)	396
1504	WUUU	94.5	SC	GREENVILLE ("Unique FM")	1016
1518	WXLK	92.3	VA	ROANOKE ("K-92")	1187
1519	WPVR	94.9	VA	ROANOKE ("Arrow 94.9";area ads)	1186
1527	WLIL-	93.5	TN	LENOIR CITY (local ad)	937
1527	WFRP	94.5	NC	EDEN (r;area ID)	1179
1529	WHLZ	92.5	SC	MANNING ("Wheels 92.5")	1128
1540	WBTO	93.5	WV	BUCKHANNON ("BTO")	1232

DYER, CONT. NEXT MONTH.....

NORTHERN FM-DX

GREG CONIGLIO
90 SLATE CREEK DR. APT #3
CHEEKTOWAGA, NEW YORK 14227

e-mail: coniglio@localnet.com

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada

MARCH 1997

DEADLINE: The 5th

LOG CUTOFF: 3 mos. from postmark

A small column this month. Weren't enough reports to even have a column last month. Guess this evens things out after the uncharacteristically large January column. No major openings of any time that I have heard of for quite some time now. Hope you have been at least able to clean up on those hard to hear fringe daily reception stations, or new stations to the air. Don't give up though: Previously March has yielded excellent aurora-induced e-skip, or a great trop opening with a warmup, so stay tuned. If you hear some DX, why don't you share it with us - We would enjoy hearing from you! ...

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

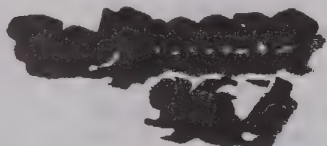
Equipment: Carver TX-11 tuner; IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 60 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-11/u coax feed.

New loggings are underlined.

DECEMBER 1996 DX

15 tropo

1003 <u>WBNV</u>	93.5 OH Barnesville, "soft hits 93-BNV", rm\$	204
1243 <u>WRBP</u>	101.9 OH Hubbard, lcl ads, s\$	122
1300 <u>WLLF</u>	96.7 PA Mercer, "The Breeze"	



DECEMBER 1996 DX

15 tropo WLLF logging continued

1400	<u>WCPN</u>	90.3 OH Cleveland, ID, c\$	173
		+ID, j\$, over semi-local WFRM Coudersport, PA	105

↑ station call letters
↑ time of reception

↑ frequency in MHz
↑ city
↑ state
↑ how identified

↑ format and if stereo
↑ distance in miles

Some good tropo this morning but I spent most of my time on UHF-TV.

Dave

DOUG SMITH - 1385 OLD CLARKSVILLE PIKE - PLEASANT VIEW, TENNESSEE 37146-8098

(72777.3143@compuserve.com, desmith@telalink.net)

Equipment: factory AM/FM stereo in 1990 Ford Escort.

Doug has some comments after reading the January edition of NFM ... First, he agrees that Frank Merrill heard WOGY 94.1 Germantown-Memphis on 10/6/96 at 0249. Regarding Frank's 101.1 unID at 0317 that same morning ... "I think he heard both KJMZ *and* WJCE. Yes, WJCE (now WJZC and smooth jazz) is basically a Nashville station. Their transmitter is in east-central Robertson Co., about 7 miles east of

Springfield, TN, and about 25 miles north of downtown Nashville. Maybe more relevant, they're operated under an LMA by WLAC 1510/105.9 Nashville." Doug also mentioned that at the time of Frank's reception, WJCE 680 Memphis was running a soul oldies format, similar to the widely heard KXBT-1630 Vallejo, CA. WJCE 101.1 was black oldies/adcon, with a different satellite feed than the AM station, that was a bit less heavy. Doug isn't sure what KJMZ 101.1 runs, having WJCE as a local blocking them!



The River
WRVR104.5fm

WESTERN TV-DX

March 1997

Victor Frank

12450 Skyline Blvd.

Woodside, CA 94062-4541

email frank@sneezy.srl.com

(415)851-7031

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

December 1996		UTC
03 tr	1400 unID 20 TX TBN; west	
	1405 WMAV 18 MS METV	279
04 tr	0235 Austin 7,36	
	0520 KRBC 9 TX	348
	0530 New Orleans 32,38	
	2100 Biloxi 13, 19	319
	2105 Mobile 15, 21	355
	WHLT 22 MS	274
	2135 WXXV 25 MS	309
05 tr	0015 WTV 9 MS	319
	0045 Memphis 10,13	
	0125 WMAV 18 MS	279
	0135 KAIT 8 AR	295
	0200 New Orleans 8, 10, 26, 32, 38, 49	
	0320 Meridian 11, 14	296
	0440 WMAB 2 MS //METV	276
	0505 WALA 10 AL	355
	0530 WAKA 8 AL	394
06 tr	0450 San Antonio 4, 5, 9, 29	347
	Corpus Christi 10, 16	385
	0500 KAVU 25 TX	314
	KGNS 8 TX	481
	0550 New Orleans 6 (Floating), 38	
	0700 Austin 7, 18, 24, 36	
	0713 Mobile 10, 15, 21	355
	0715 WJTC 44 FL Bars w/dim ID	410
	0820 WMAH 19 MS METV	319
	0840 WHLT 22 MS	274
	1335 WMAB 2 MS	276
	Columbus-Tupelo 4, 9	
	Meridian 11, 14, 30	296
	WAKA 8 AL	394
	1345 WHOA 32 AL	436
	WIIQ 41 AL APT	346
	1350 WMAV 18 MS	279
	1405 WVTM 13 AL NBC	
	1410 WBIQ 10 AL APT ID	410
	1435 New Orleans 26, 32	
	1550 WLOX 13 MS	319
07 tr	0615 XHFOXt 17TA unID bars; s/f to SW	
	Corpus Christi 6 (Floating), 10	385
	KAVU 25 TX	314
	0625 K42DU 42 TX A1; Lufkin w/ID	93
	XHAB 7 TA	503
	0640 XERV 9 TA	513
	0645 KLUJ 44 TX	481
	0735 KVEO 23 TX	502
	0740 K55FV 55 TX Valuevision; Houston	205
	0755 unID 11 SS o/KHOU; not XHBR	
09 tr	1448 KEDT 16 TX	385
	Es 2020 unIDs 2, 4 XEW, TV Azteca	
	2150 XHBS 4 SI/SO XEW	
10 Es	0030 XEHVt 2 Hard to read	
	0045 WPBT 2 FL	939
	0120 KUTV 2 UT	1160

10 Es	0125 Salt Lake 4, 5 tentative	
tr	0155 KZTV 10 TX	385
	0200 XERV 9 TA	513
Es	0235 unIDs 2, 4 XEW, et al	
	0240 KVOA 4 AZ	1045
	0300 KDBC 4 TX	746
	0305 unID 5 Mexico	
	0328 KPHO 5 AZ	1065
tr	0355 New Orleans 4, 6(Floating), 8, 20, 26, 32, 38, 49, 54	
	0405 WXXV 25 MS	309
	0430 WMAH 19 MS	319
	0530 Mobile 5, 10, 15, 21, 42	
	Meridian 11, 30	
	0650 Columbus-Tupelo 4, 9	
	0655 WMAV 18 MS METV	279
	0720 WJTC 44 FL ID Bars	410
	0740 WHLT 22 MS	274
	0857 KVEO 23 TX	502
	1420 WTTT 21 AL Fox Kids	411
Es	2355 WPBT 2 FL Pledge w/Dade Phone	939
	2355 WESHt 2 FL	
11 Es	0135 unID 2 SS	
	0140 KUTVt 2 UT	
	KTVXt 4 UT	
tr	0420 WTV 9 MS	319
	0430 XERV 9 TA	513
	1320 San Antonio 4, 5, 9	
	1401 KGNS 8 TX	481
	1455 XHBR 11 TA Al Despartar	483
	1525 KTBC 7 TX	277
Es	1900 unIDs 2 Mexico	
	XHATU 5 JAL XHGC-5 w/supered ID	1000
	XHG 4 JAL TV4 Guadalajara	1003
	1935 XHPVE 4 JAL 4 Vallarta ID	1080
	2105 XHFM 2 VER Canal 2 w/ads	1243
	More Mexican unIDs	
12 Es	0245 KNAZ 2 AZ	1045
	0300 XHFM-2 back	
	0328 XHG-4 back	
tr	1328 San Antonio 4, 5	
13 Es	0025 WESH 2 FL	789
	0045 WJXT 4 FL	728
	0050 WPBT 2 FL	939
	0055 WPTVt 5 FL	
	WFOR 4 FL	939
	1458 WJBK 2 MI Brief	904
14 Es	0005 unIDs 2, 4, 5 Mexico	
	0030 XHLEG 4 Guanajauto	916
	0045 XHG 4 JAL	1003
	XEWO 2 JAL Guadalajara ads	1003
	0158 XHFM 2 VER	1243
tr	0205 WMAB 2 MS	276
	0400 Memphis 10, 13	
	0450 WTV 9 MS	319
	0503 WMAV 18 MS	279
	KTEJ 19 AR AETN	296
15 Es	0015 Two openings into Mexico (SW + S)	
	2, 4, 5	

Western TV DX *(D.Oglethorpe's report continues)*

15 Es 0015 XHFM 2 VER 1243
 0043 unID 6 Canal Trece; Floating
 0220 XHG 4 JAL 1003
 16 Es 0129 unID 2 TV7; south
 0220 WESHt 2 FL NBC
 0225 WPBT 2 FL Pledge drive 939

Most of the supered IDs on Mexican stations don't list locations. It is so nice to know where some of those stations are for a change (XHATU-5 is one). Thanks Doug.

It is always interesting to see the special Christmas IDs on the stations from Mexico. The "2" in the logo of XHFM-2, for example, is striped like a candy cane and wearing a red ribbon.

XEW is now airing a pop music/variety show called XETU. If you see this, it is not an ID.

ERIC BUENEMAN (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347, phone (314) 839-9751 (prepaid only!) (E-mail: EricB631@juno.com)

Equipment:

Alaron 12-inch (30 cm) black and white TV, Archer VU-110 with Archerotor at 33 feet (10 meters) above ground level

February 3, 1997 (trop) CST
 0115 WAND 17 IL Decatur/Springfield 110/177
 0130 KHQA 7 MO Hannibal/Quincy, IL (CBS
 News Up To The Minute, in K07TV null), 90/145
 0131 WGEM 10 IL Quincy/Hannibal, MO
 (NBC News Nightside) 110/177
 0141 WTJR 16 IL Quincy/Hannibal, MO (TBN
 //K18BT-18) 110/177
 0155 WSIL 3 IL Harrisburg (ID //KPOB-15)
 130/209
 0215 KTVO* 3 MO Kirksville/Hannibal (u/WSIL)
 155/249

After several years of trying, I finally bagged KTVO-3! I noted them with ABC World News Now (WSIL didn't join the network until 0225). WSIL was dominant off the back side of the antenna, even with it on the same heading as KTVO! KHQA-7 was in at near Grade B-strength, WGEM-10 was also in, especially with KETC-9 and KPLR-11 blasting away. The local network affiliates (KMOV-4, KSDK-5 and KDNL-30) weren't yet on their network's respective overnight newscasts. Stranger things have happened in my DX experience from this QTH!

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021

December 1996 CST
 13 tr 0350 KTVP 29 AR 463
 0355 KARD 14 LA 651
 0420 WBMG 42 AL 582
 0500 WPTY 24 TN 451
 0500 WMAW 14 MS 645
 2130 WVEU 69 GA 610
 2200 WAFF 48 AL 503
 2200 WZDX 54 AL 503
 2205 WAAY 31 AL 503
 2215 WUXP 30 TN 408
 2225 WABM 68 AL 582
 2345 WFIQ 36 AL 483
 14 tr 0035 WKPT 19 TN 508
 23 tr 0100 KSAX 42 MN 404

January 1997
 01 tr 2100 KTBO 14 OK 612
 2105 KOKH 25 OK 612
 2130 KOCB 34 OK 612
 2230 KHNE 29 NE 464
 2230 KXNE 19 NE 402
 03 Es 1050 XEFE 2 NL 1149
 20 tr 1700 KSAX 42 MN 404

Tropo to 650 mi was observed to the south in the early AM and late PM on Dec. 13. I think it was in all day. It began in AR, LA, and shifted to Atlanta and Eastern TN over 24 hours and was gone.

Enhanced tropo conditions were present a day either side of New Years, but only to 400 mi. From 2100 to 2145 New Year's nite, tropo opened up to Oklahoma City. Channels 25 and 34 were snowfree with channel 25 taking out local Peoria so I could watch their news.

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

Equipment:

Emerson 1987 model 872 VCR used as the tuner ahead of a 9" B&W Keepsafer CCTV monitor. Archer V-100 and 8-bay bow-tie UHF array at 20' AGL with rotor.

After various short-lived unID Ch 2 Es events during the day of Feb 5, the evening finally brought something identifiable:

February 6, 1997 Es UTC
 0231 KVBC 3 NV Las Vegas "Jeopardy
 0249 KTVK 3 AZ Phoenix "ASU vs AZ basketb"
 0356 XHBC 3 BCN Mexicali

FWIW, we are almost upon the 20th anniversary of some Ch 13 Es from here to Sioux Falls, SD. With 216 MHz audio roaring in at well under the 1000-mi range, some 220-MHz ops (at the right endpoints!) could have easily made the first Es QSO on that band the local eve of Feb 7, 1977. (I've a nice audio tape of that-but 10 yrs before I'd a VCR to use!) It wasn't until June 14, 1987 that one was finally made twixt Dallas and Jacksonville, FL.

Western TV DX

Fernando Garcia, Apartado 30, Suc B, Cd
Guadalupe, NL, 67181 MEXICO 1800' ASL, No re-
logs in the same month, only tropo over 500 miles.

Equipment:

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60' with R. Shack amp.

January 1997

CST

1	0515	KAMC	28 TX	553	"AG DAY, ABC-28"
	0615	KPTB	16 TX	555	"PTCB, //KMLM-42"
		XH2??	54 TA	120	Reynosa XHGC-5
	0630	KJTV	34 TX	552	"cci to local, hdn"
	0645	KBZO-LP	51 TX	558	Univision
	0730	KXTQ-LP	46 TX	552	Telemundo
		KLBK	13 TX	554	"CBS, Temp. 31 on screen"
	0845	KGLR-LP	40 TX	553	"Today's Gang, Lubbock address"
	0945	K38AP	38 TX	634	Memphis KAMR-4 NBC Midway Chevrolet dealer
		K33CFI	33 TX		"Wellington lptv, heavy cci"
		K36CA	36 TX	634	Memphis KCIT-14 FOX
	1000	K32EHI	32 TX		u/o KTAB
		K66AB	66 TX	724	Perryton KAMR-4 NBC
		K64CKI	64 TX		extremely weak
		K62ETI	62 TX		extremely weak
	1015	unid	25 TX		"//KMLM-42, KPTB-16, n-nw"
	1200	XHNAT	45 TA	124	Nuevo Laredo XEQ-
2	0230	KDTX	58 TX	518	TBN
		KDFI	27 TX	518	hot TV 27 on screen
		KSBI	52 OK	692	calls up left
		KWMJ	53 OK	766	weak
	0515	K15EKI	15 TX		"Rel., n-nw, Abilene's 32,40,51 in"
	0600	unid	50		"aerobics, north, OETA?"
	0730	KCBD	11 TX	555	"NBC, area advs."
		KXTX	39 TX	518	SAP some as Main
	1900	KTFO	41 OK	766	UPN41
		KFWD	52 TX	522	TMD
		KWHB	47 OK	765	"ID, Happy days again"
		KLDT	55 TX	544	Shop at Home
	1915	KMPX	29 TX	537	ph. (214) 444-002
		KASN	38 AR	772	"cont. ID bt right, UPN"
		KLRT	16 AR	782	"cont. ID bt right, FOX"
	1930	KINZ	68 TX	518	"ID, pay programm"
		KFXK	51 TX	557	FOX //XHFTX-57
		W65CE	65 LA	615	"Rel. chs. 33, 24 in"
		KPOB	15 MO	961	ABC
	2030	K27EMH	27 TX		TBN
	2215	KVTH	26 AR	739	Rel. (504) area code
3	0200	WFAA	8 TX	518	ABC
		KXII	12 OK	614	CBS Up to the minute
		KERA	13 TX	518	Educ
	0515	@ KPOM	24 AR	783	KPOM-TV 24 Fort Smith, AR

		KTBO	14 OK	705	TBN	
0530	\$	KJTL	18 TX	598	"ID, FOX"	
		unid	56		Shepherd's Chapel,not KETK	
		KDOR	17 OK	795	Rel.	
0545	%	KTLC	43 OK	706	programing at 6 AM	
0600		KTCA	49 KS	958	Local WX at 6:12 AM	
0615		<u>KSNT</u>	<u>27</u> KS	964	"o/u KDFI, KLDO off"	
0630		KSAS	24 KS	853	"FOX, Temp. on screen 55 "	
	\$	KOKH	25 OK	703	FOX over KXXV	
		K36AB	36 OK	631	OETA	
		K38AK	38 OK	789	OETA	
0730		KYFC	50 MO	982	"ID, Big 50, Life in the word"	
		KSMO	62 MO	986	"FOX, o/u KAKW"	
		<u>KMCI</u>	<u>38</u> KS	961	Family Greats	
		<u>K50CO</u>	<u>50</u> OK	730	Poleau FOX	
0825		KSHB	41 MO	983	"NBC, 41 News Today"	
2130		WNOL	38 LA	694	WB38 on screen	
		WGNO	26 LA	694	ABC	
		WLAE	32 LA	694	CLS bt. right	
		KADN	15 LA	586	"CLS, ROSSEANE"	
	\$	WVLA	33 LA	633	NBC// KVEO-23	
		WMPV	21 AL	842		
	\$	WXXV	25 MS	764		
		WPMI	15 AL	838	//WVLA-33	
		WCCL	49 LA	688	HSN	
2215	\$	WLPB	27 LA	638	LPB	
		KLFT-LP	21 LA	592	VJN	
		WHNO	20 LA	688	Bob Enyart live	
2330		KLPB	24 LA	567	//WLPB-27	
		WEIQ	42 AL	825	SAP DIF MAIN	
2345		WGMB	44 LA	633	Calls	
		K49DE	49 LA	596	TBN	
		K55HA	55 LA	596	Hard Copy	
		K69HD	69 LA	586	//K55HA	
4	0000	K62DW	62 LA	589	Antionette's adv.	
		K46DG	46 LA	587		
		K59DG	59 LA	688	TBN	
	\$	WUPL	54 LA	705		
		WPAN	53 FL	86		
0630		WDBD	40 MS	754	Flash Gordon	
0730		WMAH	19 MS	770	PBS//KEDT-16	
0755		KVHP	29 LA	530	LAMAR University	
0945		WAPT	16 MS	754	Splashing KEDI	
5	2030	XHDH	11 YU	780	XHDF-13	
		XHMEY	7 YU	780	XHIMT-7 splashing local	
		<u>XHCPA</u>	<u>8</u> CAM	<u>750</u>	<u>XEW-2</u>	
		XHTP	9 YU	780	XEW-2	
		XHST	13 YU	780	ID	
16	2030	WBHS	50 FL	1116	HSN	
		WTTA	38 FL	1116		
		WTOG	44 FL	1116	cci to KLUJ	
2130		WFTX	36 FL	1142	News	
2145		WFLX	29 FL	1238	10 O'clock News	
2155		WXEL	42 FL	1238	Discovering Women	
21	2130	\$	KTXA	21 TX	518	SAP same as Main
		KDAF	33 TX	518	Cops	
22	0559	KETK	56 TX	533	"Regio 56, Local WX"	
23	2230	KUVN-LP	31 TX	521	"SS, DFW uhl's in"	
24	0700	KLAX	31 LA	618	"ABC News, Loc WX"	

Western TV DX *(F. Garcia's report continues)*

	KMSS	33 LA	615	FOX	//XHFTX-57
	KLTS	24 LA	616	Barney	
25 0800	WMAU	17 MS	697	Educ	
0900	KLTL	18 LA	548	Educ	
26 0730	KHSX	49 TX	518	"SKB, ID"	

Warm spell first days of year helped to get first time Missouri and Kansas in a month of January. Furthest reception on Jan. 16 from west coast of Florida.

On January 1st two new semilocals: XHNAT-45 Nuevo Laredo and XH???-54 in Reynosa came on the air.

Four Element Arrays With Broadband Nulls

Last month we wrote about a 2-element Adcock receiving antenna. This antenna is designed to produce a broadband null, in common configuration in a plane perpendicular to a line through the centers of the two elements. By varying the relative lengths of the transmission lines between the elements and a hybrid combiner we could steer a null to those azimuth and elevation angles that lie on a cone whose center is that line between the elements. We showed that under ideal conditions a 40 dB null could be obtained with a width of only $\pm 1^\circ$, but we'd like more, a wider and deeper null.

We can combine the outputs of two identical 2-element Adcock antennas to produce a second null which may or may not be coincident with the first. In the simplest case, we align the two on the same axis and let the spacing between all four elements be equal.

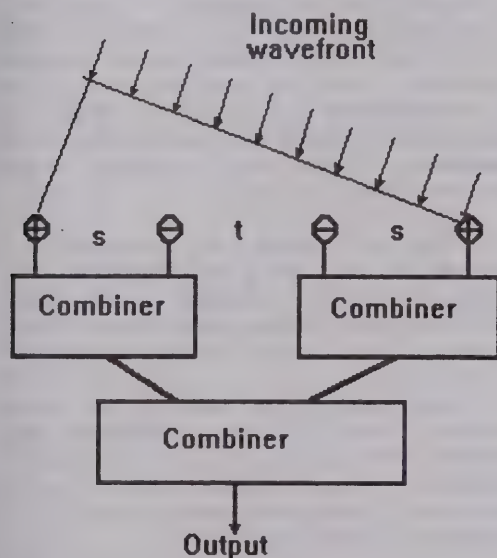


Fig. 1 Plan view of 4-element array & wavefront

Assuming that the line lengths are equal and that either subtracting hybrid combiners are used, or that the

necessary 180° phase reversal is obtained by feedline transposition, we come up with the following pattern of the 4-element Adcock antenna near the position of the null(s). Spacing .1 (solid), .3, & .5 wavelengths.

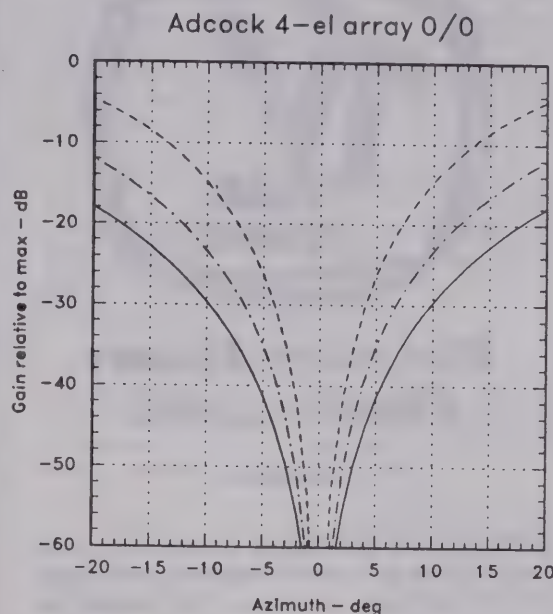


Fig. 2 dB plot of 4-el Adcock array near null

At 0.5 wavelength spacing a null is also formed along the axis, and so this is probably a greater spacing than is desired. Similarly, 0.1 wavelength spacing is probably too close a spacing, because of losses.

Should we adjust feedline lengths to produce nulls at $\pm 1^\circ$ and -1° , we get the pattern shown in the figure below, which is just about optimum, with nulls in excess of 70 dB to either side of center.

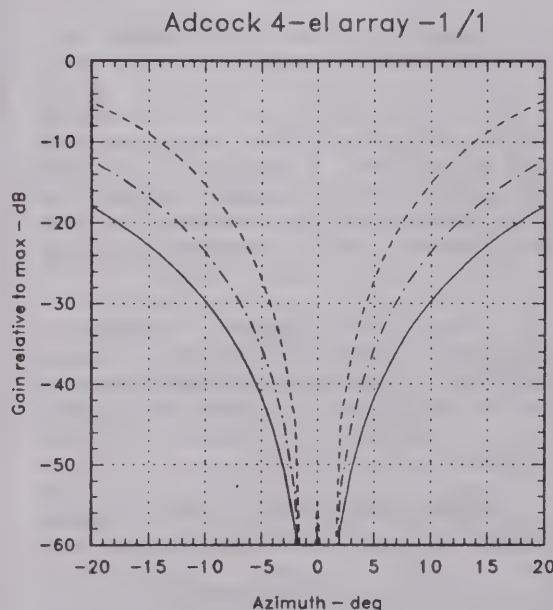
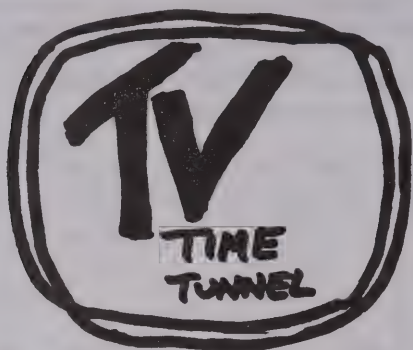


Fig. 3 dB plot of 4-el array with nulls at $\pm 1^\circ$



The More Things Change...etc.

(by Tom Bryant)

Although the purpose of this column is to recall items of historic interest pertaining to the television industry, the history of this club is also a valid topic of discussion. With that in mind, here is a collection of thoughts that border as close to editorial content as this column will likely venture.

The Worldwide Television/FM DX Association has been around for 30 years now. Considering the fate of many similar organizations, that's an excellent track record.

However, longevity does not tell the whole story.

If you read John Zondlo's history of the WTFDA (reprinted in this space over a year ago) you are aware that crisis and controversy have played a big role in the development and continuation of this very specialized group.

There have been arguments, takeovers, takeover attempts, innuendoes of financial mismanagement, heated differences over policies, and a myriad of other thorny issues.

Membership levels have fluctuated wildly over the years.

In spite of those problems, the WTFDA has managed to survive. The sheer love of our hobby has

served as a catalyst to bond us together in spite of our differences.

So, why this topic?

Let's call it, for lack of a better term, A REALITY CHECK.

In a way, it's a wakeup call of sorts.

If you are really devoted to VHF and UHF DXing, and the premise that we are all better served and informed by being members of the WTFDA, you need to ask yourself a simple question...and answer it honestly. WHAT HAVE I DONE IN RECENT MEMORY TO CONTRIBUTE TO OR PROMOTE THIS ORGANIZATION?

I dare say that the vast majority can come up with only one answer; "I paid my membership fee."

Well, that's a step in the right direction. An alarming number of (former) members didn't feel that they were getting their money's worth and bailed out.

Grumbling continues about the \$24 fee, and in some cases it may be justified. On the other hand, no other organization provides TV and FM DXers with as much pertinent information...at any price!

Thus, the question arises..why is the club often under fire from within? Too cliquish? Lack of technical articles? Late arrival of issues? Too much repetition in reports? Lack of consistency? Lack of communication with the Board of Directors? Lack of leadership? A general state of apathy and disinterest?

Again, there is probably a degree of validity to each of the items mentioned above (and there are likely a lot more that could be added).

An extensive survey of club members less than two years ago revealed that although most were well pleased with the status-quo, many were not; and were quite vocal in expressing their concerns.

Since then, a number of steps have been taken to address each of these complaints. Some problems have been solved, some remain, and

many are still getting ongoing attention.

As a member of the Board of Directors, I must say that in all honesty we have bent over backward to come up with 'fixes'. Some of them have been subtle, some bordering on 'revolutionary', and some just plain common sense.

Our presence on the Internet (by way of a very informative web site) has enabled us to be 'found' by many who otherwise would have never known of the WTFDA. The response has not been overwhelming, but our mere existence on the 'information highway' is of extreme importance.

De-centralizing operations by way of changing our primary point of contact from Buffalo to Asheville has accomplished two goals...streamlining the communication process...and relieving Bill Thompson of excessive responsibility.

Reviving a forum for member comments has provided a lot of excellent input.

Getting the 'PHOTO NEWS' column back in print re-established a long and popular VUD tradition.

But have you noticed that even after resurrection, these two features suffer an apparent lack of interest? Surely more than have been heard from have something to say...or DX photos to share.

The doors have been opened. Now, if a few more of you will just enter them and make your presence known by your contributions we can consider the efforts worthwhile.

Complaints? We *NEED* them! If you don't express your concerns, they can't be addressed. Constructive criticism is always welcome. So are compliments. Ideas too! The 'MAILBOX' column is your soap-box...USE IT!

If you have special talent and/or knowledge to offer, particularly in the technical field, please come forward.

When column editors resign, don't just sit around waiting for

someone else to take over...toss your hat in the ring and volunteer.

A '..let somebody else do it..' attitude prevails not only in the WTFDA, but in society at large. It's not healthy in either place. For many, other interests eat away at time available for club related endeavors. Able and willing bodies are becoming increasingly difficult to find.

In addition, the spectre of a host of technological changes posing a major threat to TV and FM DXers deem it nothing less than short-sighted to fail to act on factors we can control.

Strengthening the WTFDA and improving the VUD are easily attainable goals, but they won't be reached without extra effort by every member of this club.

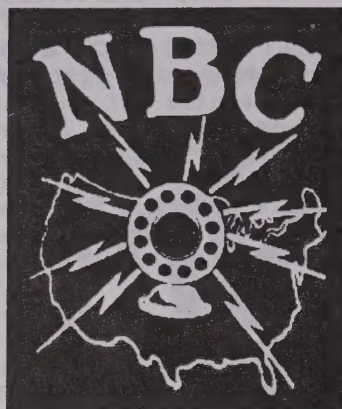
When was the last time you told somebody about our hobby...or gave someone information about WTFDA?

When did you last do something (anything) other than renew your membership that would benefit the club?

When was the last time you bad-mouthed some aspect of this organization to a friend or another member, but failed to openly express your complaint in the VUD or to the Board of Directors?

The tone of this column may lead some to believe that the WTFDA is in trouble. Personally, I don't think it is; but I do believe that the potential exists. My purpose in writing this is to rekindle the fires of interest in the dedicated DXers who have chosen to align themselves with this club.

This is not a call for revolution. Rather, it is a reminder that the success or failure of this (or any other) volunteer-based organization is dependent on all who claim to be a part of it. This is a good organization now... why not do your part to make it GREAT! WTFDA has faced past challenges and come out a winner every time. That's why it's my opinion that **"THE MORE THINGS CHANGE, THE MORE THEY STAY THE SAME"**.



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July 1991	4
August 1991	4
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March 1995	7
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June 1995	20
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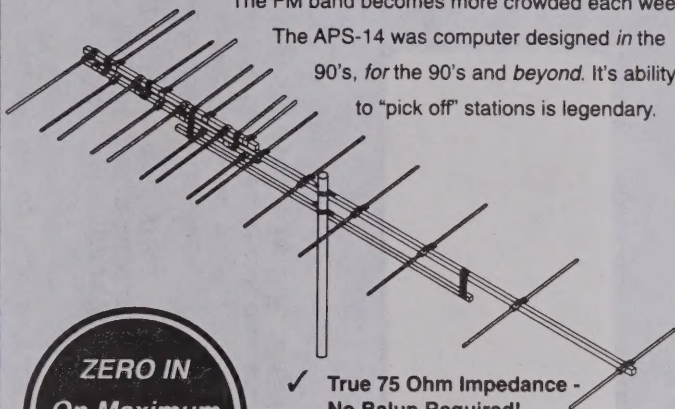
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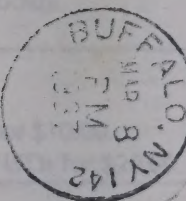
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